



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

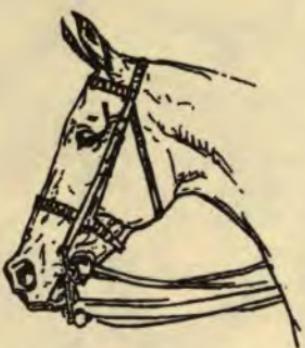
We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>





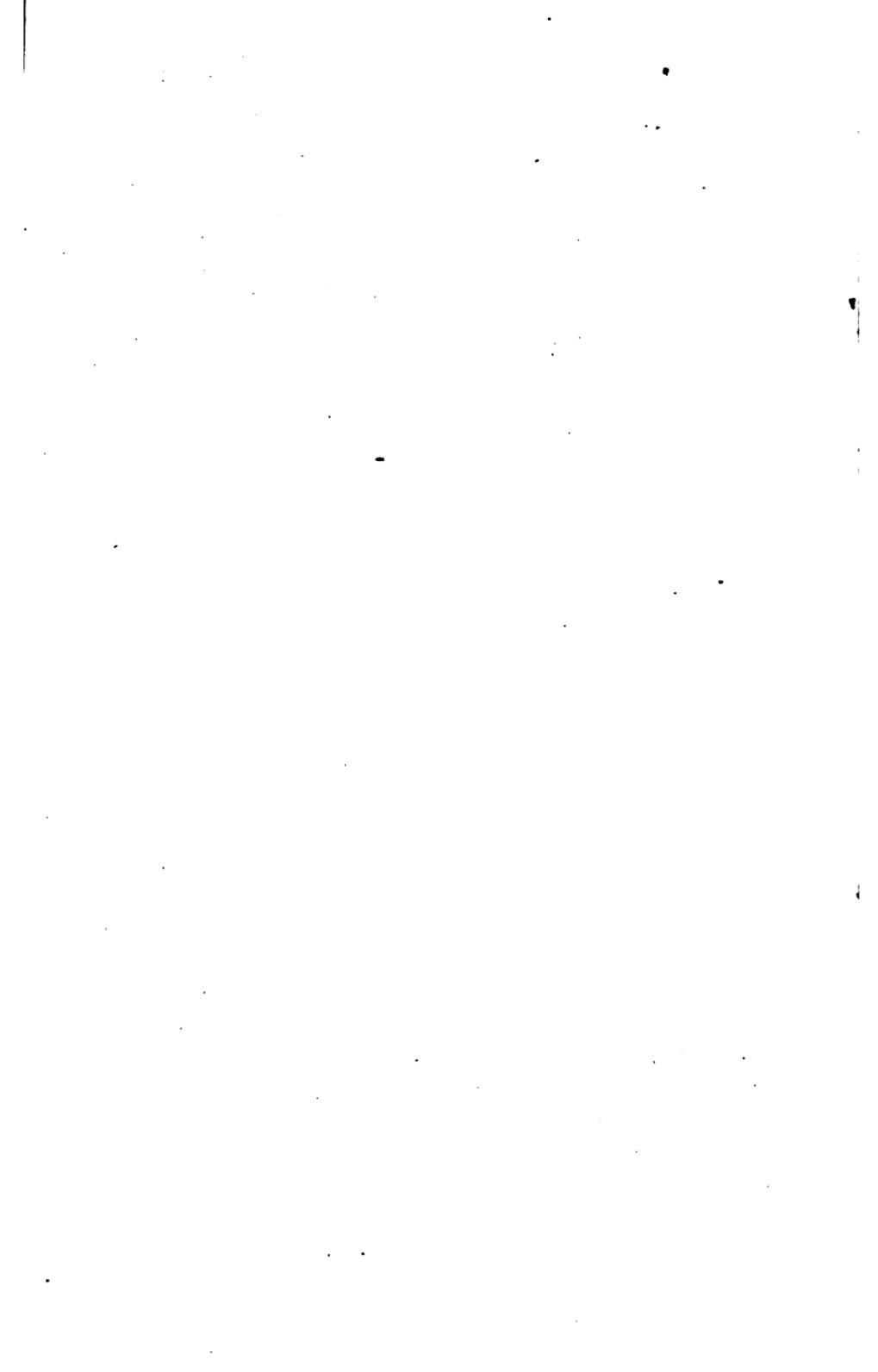
**FRED M. YOUNG
COLLECTION**

STEENBOCK MEMORIAL LIBRARY

E · X · L · I · B · R · I · S



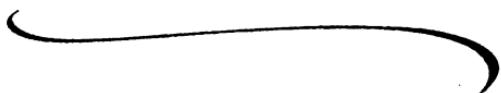
FRED M. YOUNG



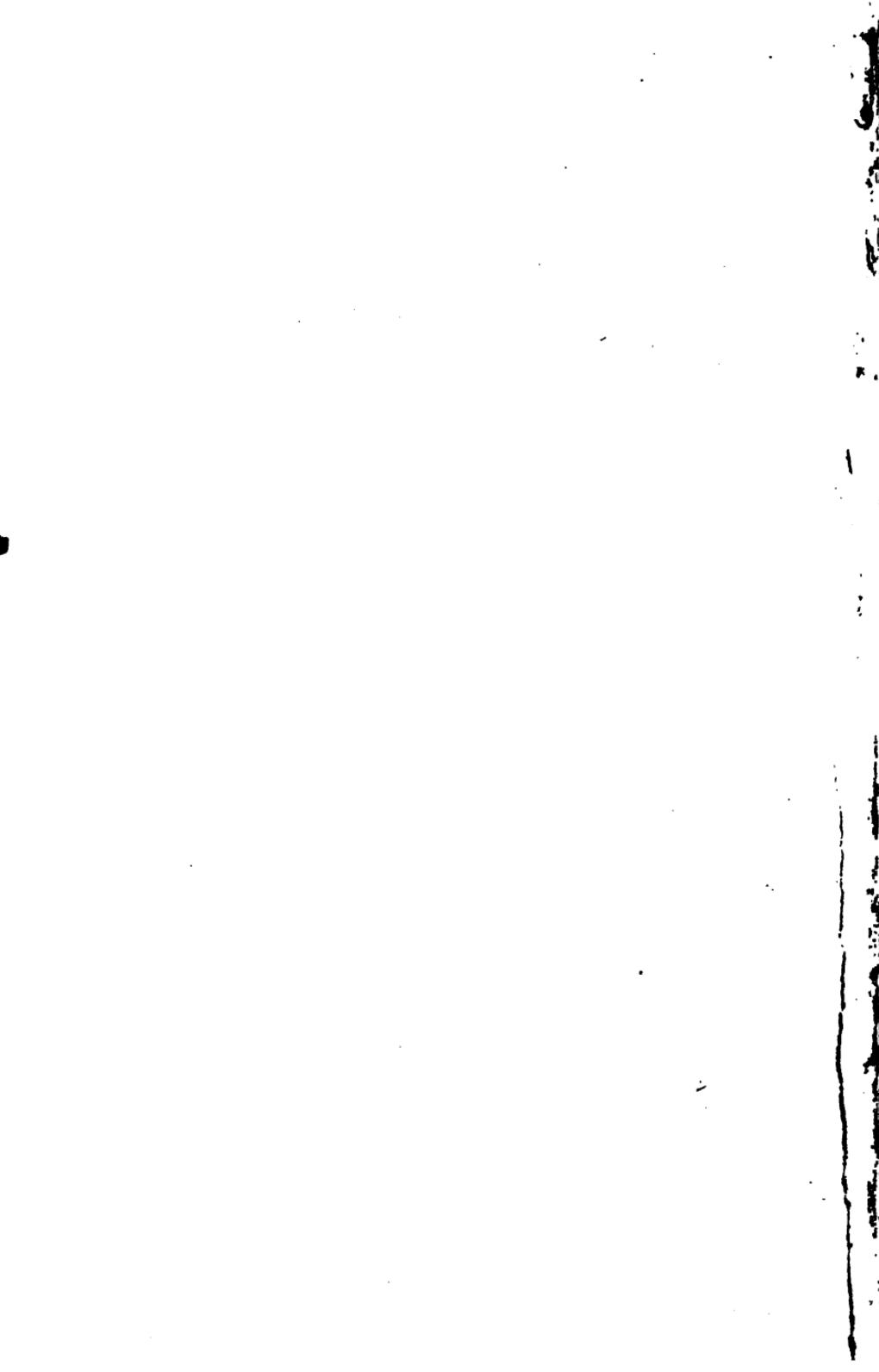
3 - D - 2

4⁵⁰

work.



THE HORSE AND THE HOUND



THE
HORSE AND THE HOUND

THEIR VARIOUS USES AND TREATMENT.

INCLUDING
PRACTICAL INSTRUCTIONS
IN HORSEMANSHIP AND HUNTING
ETC. ETC.

BY NIMROD.



THIRD EDITION.

ADAM AND CHARLES BLACK, EDINBURGH.

MDCCLXIII.

1713

For more information about the study, please contact Dr. Michael J. Hwang at (319) 356-4000 or via email at mhwang@uiowa.edu.

1970-71
1971-72
1972-73
1973-74
1974-75
1975-76
1976-77
1977-78
1978-79
1979-80
1980-81
1981-82
1982-83
1983-84
1984-85
1985-86
1986-87
1987-88
1988-89
1989-90
1990-91
1991-92
1992-93
1993-94
1994-95
1995-96
1996-97
1997-98
1998-99
1999-2000
2000-01
2001-02
2002-03
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15
2015-16
2016-17
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24

See. 9. 19

AVB1626

SK

627

G 72

116

180

ADVERTISEMENT.

THE present work is a republication of the articles Horse and Hound, and their kindred subjects, contributed to the Encyclopaedia Britannica. Two editions have been disposed of, and it was suggested to the Publishers, that a third was still wanted. They have accordingly issued this new edition, and believe that the revision and additions it has received considerably enhance its value. In regard to the Author (now deceased), it may be permitted here to give an extract from a short notice of him, that appeared in the Cambridge Chronicle shortly after his death:—"The most popular and voluminous of modern writers," says the Editor of that journal, "on matters connected with horses and hounds, was poor NIMROD, *alias* Charles James Apperley. He was a gentleman of scholarly attainments, and had great practical knowledge of all

things appertaining to the stable and the kennel; and there is such a fund of anecdote in his writings, that they must ever be most agreeable reading to all who take delight in the sports of the field."

He was born in the year 1777, at his father's seat of Plâs-gronow, in Denbighshire. His life was devoted to the chase; and it was regarded as a remarkable circumstance, that a man so occupied with rural sports could find time or inclination to write so much for the press. He died in London in the year 1843.

EDINBURGH, *April* 15, 1858.

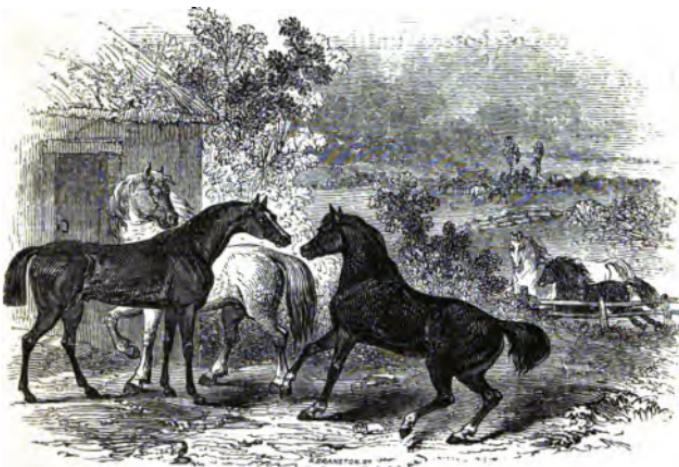
CONTENTS.

	PAGE
INTRODUCTION	1
THE RACE-HORSE	7
Rearing of Young Racing Stock	23
Size	37
Action of the Race-Horse	45
Wind	46
Speed of the Race-Horse	53
Expenses of a Breeding Racing-Stud	54
Colour of the Thorough-bred Horse	55
Wetherby's General Stud-book	58
THE HUNTER	59
Leaping	84
Purchase of a Hunter	89
THE HACKNEY	93
The Cover-Hack	94
The Park-Hack	95
The Lady's Horse	95
The Roadster	96
The Pack-Horse	107
The Cob	107
The Galloway	108
The Pony	108

	PAGE
THE CHARGER	111
The Troop-Horse	115
THE COACH-HORSE	117
THE GIG-HORSE	126
THE POST-HORSE	129
THE CART-HORSE	132
THE IRISH HORSE	135
THE SCOTCH HORSE	138
GENERAL TREATMENT OF HORSES	140
Condition, or Stable Management of the Horse	141
Expense	147
Out-door System	148
Summering	149
“Turning up” of Hunters	156
Treatment of the grass-fed Hunter	164
Clipping	166
Grooms and Stables	167
Paddocks	171
Food	171
After Hunting	175
Treatment of Horses’ Legs	178
The Foot and Shoeing	180
HORSEMANSHIP	183
Who was the first horseman?	183
Equestrianism of the Heroic Ages	184
Horsemanship in Modern Times the accomplishment of a Gentleman	188
Riding, the most wholesome exercise	189
The Military Seat	190
Mounting, and handling the reins	192
THE SEAT	194
“ <i>A good hand upon the horse</i> ”	199

	PAGE
HORSEMANSHIP—<i>continued.</i>	
SEAT ON THE ROAD	201
Feat of George Osbaldeston, Esq.	203
THE HUNTING SEAT	206
The “Fences”	209
Directions to a beginner in the Hunting Field	213
Advice to young Sportsmen	220
Falls	235
Saddles and Bridles, etc.	240
RACE-RIDING, OR JOCKEYSHIP	247
The Starting-post	252
The Race-orders	253
The Winning-post	255
Famous Jockeys	256
STEEPLE-CHASE RACING	260
Qualifications for a Steeple-chase Rider	261
THE HOUND	265
His interesting history	265
The English Blood-hound	272
The Stag-Hound	273
The Fox-Hound	275
KENNEL MANAGEMENT	292
Colour of Hounds	296
The Tongue, or Cry of Hounds	297
The Age of Hounds, etc	298
Separation of the Sexes	299
Names	300
The Harrier	302
The Beagle	305
The Greyhound	306
The Terrier	312

	PAGE
HUNTING	315
Its Origin and Antiquity	315
Exhilarating Nature of the Amusement	324
Edward III., a great Stag Hunter	329
Hugo Meynell, Esq., the Great Sportsman, and his system of Hunting	331
Wonderful intelligence of the Fox-hound	340
The present system of Fox-hunting	342
Expenses of a Pack of Fox-Hounds	346
Stag-hunting	351
Roe-buck and Otter-hunting	357
Hare-hunting	359
Perfection of Modern Harriers	362
The Fox	371
THE HUNTSMAN	375
The Duties of a Huntsman	379
Dog Language	383
Huntsmen, their offices and pay	389
HORSE DEALING	391
Antiquity of Traffic in Horses	391
Precaution of "Caveat Emptor"	392
Warranty	393
Re-sale by a Purchaser with a Warranty	399
What constitutes a Sound Horse	401
Anatomical knowledge of the different parts of the Horse	409
The Teeth for the Age	410
The Foot, Broken Wind, etc.	412
Dealing on a Sunday	413
Selling Horses by Servants	414
Fraud	415
The Horse-Dealer	418



INTRODUCTION.

THE HORSE is a distinct genus belonging to the order of *Pachydermata*, Cuv., and in himself the most serviceable of all quadruped animals, and ranks with the greyhound as the swiftest of those brought under the dominion of man. Notwithstanding these high qualifications, ancient history informs us that in the primitive ages of the world the ass was used in preference to him, not only as a mere beast of burthen, but for the purpose of conveying from place to place persons of the highest distinction. This, however, may be satisfactorily accounted for. Previously to the art of horsemanship being known, the ass, a superior race of animal perhaps to that generally found in Europe, was more easily managed

than the horse, and better suited to the kind of food usually met with for his support. He was, in fact, found to answer every purpose of horses, until mankind increased in numbers and in wealth, when the complicated interests that were the result brought their services into use, and they were trained to the art of war. But another reason may be given for the late introduction of horses. Their use was interdicted by the Almighty in the early ages of the world; first, lest his favourite people, the Israelites, should be led to idolatry by carrying on commerce with Egypt; secondly, by their dependence on a well-appointed cavalry, they might cease to trust in the promised aid of Jehovah; and, thirdly, that they might not be tempted to extend their dominion by such means, and then, by mixing with idolatrous nations, cease in time to be that distinct and separate people which it was His intention they should be, and without which the prophecies relative to the Messiah could not be fully accomplished. Thus, in the Book of Psalms, the horse commonly appears only on the side of the enemies of God's people; and so entirely unaccustomed to the management of him were the Israelites at the period of their signal defeat of the Philistines and other idolatrous nations, that David, their commander and king, caused the greater part of the horses of the cavalry prisoners to be cut down. In the reign of Solomon, however, a cavalry force was established, but to no great extent.

In the infant state of all nations, indeed, we can readily account for the restrictive use of horses. A great deal of land that might be applied to the production of human food is requisite for their maintenance in all countries; and, in hot and sterile ones, the camel answered better, and was

found ready at hand. It is true they were used in the armies of the ancient Greeks and Romans, which were not considered as complete without them. In Greece they were not so numerous ; but in a war with the Italic Gauls the Romans are said to have had no less than 70,000 horse and 700,000 foot to attack their formidable enemies. The army of Xerxes, when reviewed by him at Dorsica, in Thrace, after it had passed the Hellespont, is reported by Herodotus, contemporary with him, to have contained 80,000 horse ; but the judicious reader will be inclined to make considerable abatements from the boasted amount of that celebrated but ill-fated expedition, resting, as it does, entirely on the authority of Grecian writers, who represented facts in the light the most unfavourable to their enemies, and the most glorious to their own gallant countrymen.

As in the scale of excellence the horse ranks first of all animals coming under the denomination of cattle, and, as Buffon justly says of him, "possesses, along with grandeur of stature, the greatest elegance and proportion of parts of all quadrupeds," it is not a matter of surprise that, as an image of motive vigour, he should have been the subject of the chisel and the pencil of the first artists in the world, or that the description of him by the pen should have been not considered as unworthy the greatest writers of antiquity. But it is only in his native simplicity, in those wild and extensive plains where he was originally produced, that we can form an adequate idea of this noble animal. It is here that he despairs the assistance of man, which only tends to servitude ; and it is to a description of his release from this servitude, his regaining his natural liberty, that we are indebted for

two of the finest similes of the immortal Greek and Roman epic bards. The return of Paris, with Hector, to the battle of Troy, is thus given in the sixth book of the *Iliad* :—

“ Ως, δ' ὅτε τις στατὸς ἵππος, ἀκοστήσας ἐπὶ φάρνη,
 Δεσμὸν ἀπορρήξας θείη πεδίοιο χρωμάνων,
 Εἰωθὼς λούεσθαι ἔῳρεῖνος ποταμοῦ,
 Κυδιώνων ὑψοῦ δὲ κάρη ἔχει, ἀμφὶ δὲ χαῖται
 Ὄμοιος ἀτέσσονται· ὁ δὲ ἀγλαῖηφι πεποιθώς,
 ‘Ρίμφα ἐ γοῦνα φέρει μετά τ' ἥθεα καὶ νομὸν ἵππων.’”

And Virgil is considered to have even exceeded Homer in that splendid passage in the eleventh book of the *Aeneid*, where Turnus, turning out fully accoutred for the fight, is compared to a horse that has just broken loose from his stall :

“ Qualis, ubi abruptis fugit præsepio vincis,
 Tandem liber equus, campoque potitus aperto,
 Aut ille in pastus armentaque tendit equarum,
 Aut, assuetus aquæ perfundi flumine noto,
 Emicat, arrectisque fremit cervicibus alte
 Luxurians; luduntque juba per colla, per armos.”

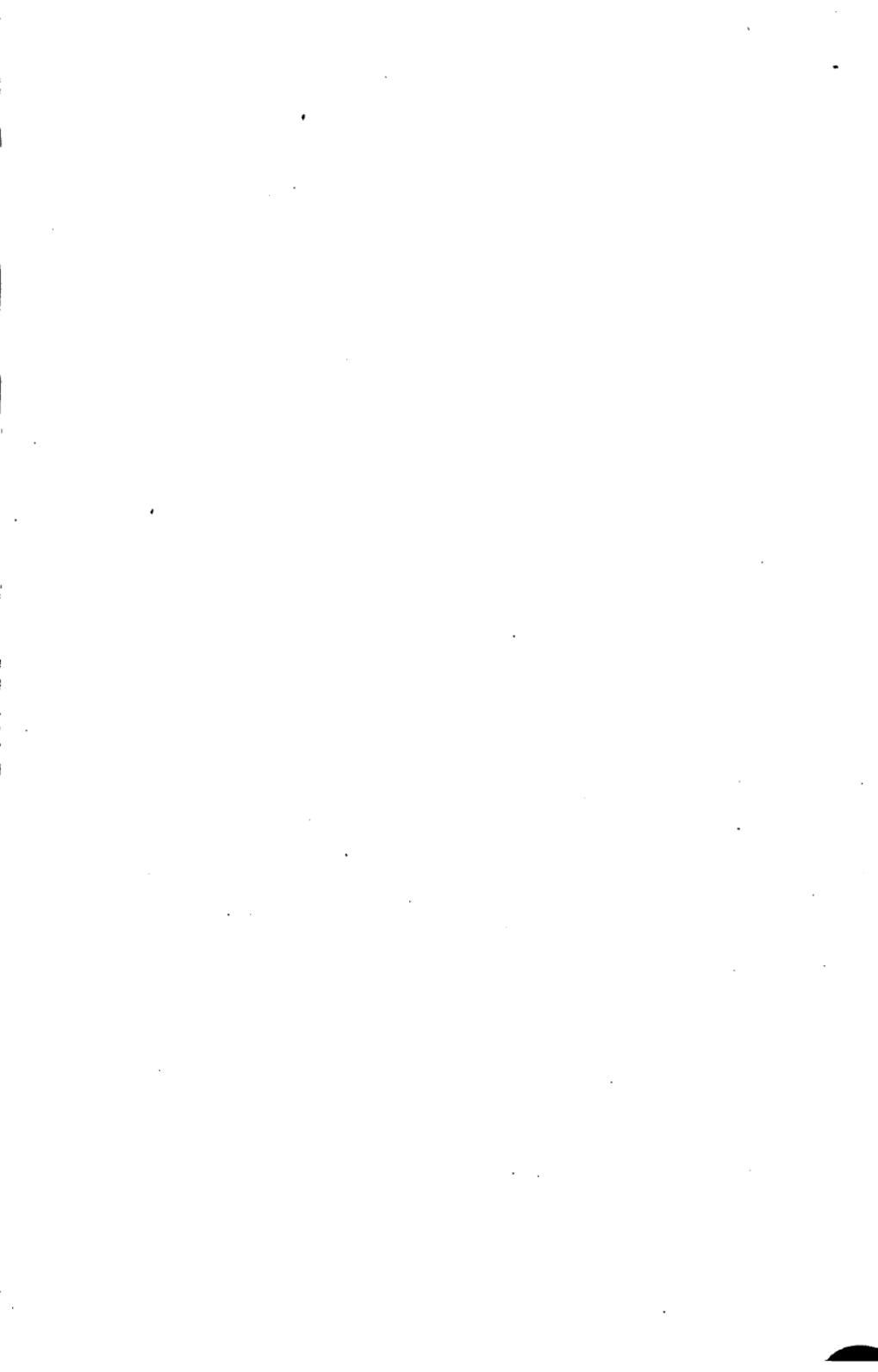
It is impossible, at this distance of time, to fix upon the native country of the horse, as he has been found in various forms and of various sizes in every region of the Old World. The difference in size is easily accounted for. The origin of all animals of the same species was doubtless the same in the beginning of time, and it is chiefly *climate* that has produced the change we perceive in them. Warmth being congenial to his constitution, and cold naturally injurious to him, he is produced in the most perfect form, and in the greatest vigour, when subject to the influence of the one, and

not only diminutive, but misshapen and comparatively worthless, when exposed to the evils of the other. Buffon, however, is wrong in making the horse indigenous to Arabia, as is clearly proved by a reference to the Sacred Writings. In the reign of Saul horse-breeding had not yet been introduced into Arabia ; for, in a war with some of the Arabian nations, the Israelites got plunder in camels, sheep, and asses, but still no horses. Even at the time when Jerusalem was conquered and first destroyed by Nebuchadnezzar, Arabia appears to have been without horses, as the Tyrians brought theirs from Armenia. That the earliest available uses of the active powers of horses was adopted by the Egyptians, the same authority satisfies us ; for we read in the fiftieth chapter of Genesis, that when Joseph carried his father's remains from Egypt to Canaan, "there went up with him both chariots and horsemen." About 150 years afterwards, the horse constituted the principal strength of the Egyptian army ; Pharaoh having pursued the Israelites with "six hundred chosen chariots, and with all the chariots of Egypt." The earliest period now alluded to was 1650 years before the birth of Christ ; and 1450 years before that event, the horse was so far naturalized in Greece that the Olympic Games were instituted, including chariot and horse races.

The origin of the native horse of our own country is now merely a question of historical interest, the discussion of which would not lead to much practical benefit. That experiments, founded on the study of his nature and properties, which have from time to time been made to improve the breed, and bring the different varieties to the perfection in which we now find them, have succeeded, is best confirmed

by the fact of the high estimation in which the horses of Great Britain are held in all parts of the civilized world ; and it is not too much to assert that, although the cold, humid, and variable nature of our climate, is by no means favourable to the production of these animals *in their very best form*, we have, by great care, and by our attention to breeding, high feeding, and good grooming, with consequent development of the muscles, brought them to the highest state of perfection of which their nature is susceptible. They may be classed under the following heads, and treated of individually, viz., the race-horse ; the hunter ; the hackney, for various purposes ; the charger ; the troop horse ; the coach, chariot, and gig horse ; and the draught or cart horse.







THE RACE-HORSE.

THE RACE-HORSE.

ALTHOUGH we may safely pronounce that the native breed of English horses, however esteemed for other purposes, could not *race*, in the present acceptation of that word, yet it is equally obvious that they formed the parent stock of the renowned English racer. The first step to improve it by a cross with Eastern blood appears to have been taken by James I., who gave the enormous sum (in those days) of £500 for an Arab stallion, which, however, the Duke of Newcastle, in his work on horsemanship (great authority at that time), wrote down an account, chiefly, of his comparatively diminutive size. At the Restoration, however, there appears to have been a tolerably good breed of horses in England, which Charles II. improved by an importation of Barbs and Turks, whose blood was engrafted on the original stock, already very considerably ameliorated by the services of a stallion called Place's White Turk (imported by Oliver Cromwell's Master of the Horse, who bore that name), and afterwards by those of the Helmsley Turk, followed by Fairfax's Morocco Barb. The change was at this time so visible, that the Lord Harleigh of that day expressed his fears lest it might be carried to such an extreme as to extirpate the strong and useful horse, which, perhaps, the majority

of his countrymen were well satisfied with before. In the latter end of Queen Anne's reign, however, the first great trump turned up to secure future success. This was a stallion called Darley's Arabian, purchased in the Levant by a Yorkshire merchant of that name, although without any real attestation of his pedigree or country. The prejudice against Arabians and other eastern horses, the effect of the Duke of Newcastle's anathema against them, having now for the most part subsided, a good deal of their blood had been infused into the mares of that day, when another stallion, whose services were still more signal, accidentally made his appearance. We allude to the Godolphin Arabian, as he was called, purchased out of a cart in Paris, and consequently of uncertain caste, but evidently the horse of the desert; who, as will be hereafter shown, may be said to have won the game. Although at first thought so meanly of as only to be used as a teaser, yet, fortunately for the turf, he lived twenty years after his services became notorious by the accident of his being the sire of a capital racer out of a mare which the stallion to which he was teaser refused to cover; and, strange to say, no very superior race-horse has appeared in England for many years that cannot be traced to his blood. The success of this horse was much facilitated by the lucky coincidence of his arrival in England at a critical time; that is to say, when the stock from Darley's horse, and the several Arabs, Barbs, and Turks, together with the royal mares imported by Charles II. had been "crossed" (as the term is) on each other, and had produced mares worthy to be the channel of imparting his own transcendent qualities to posterity. Taking it for granted, then, that the English race-

horse is descended from Arabian, Turkish, and African (Barb) blood ; and also taking into consideration the various peculiarities in the form and power of each of those kinds, requiring modification of shape, qualities, and action suited to the purposes for which they were intended, it cannot be denied that a task of no ordinary difficulty was imposed on the English horse-breeders, and that they have executed that task with a masterly hand. If other countries furnished the blood, England has made the race-horse.

With the exception of one Eastern horse, called the Wellesley Arabian, the grandsire of a winner of the Oaks in 1826, also of Dandizette, who ran second for that stake in 1823, and one or two more good runners, the English turf has benefited nothing during the last three-quarters of a century from the importation of foreign blood. The fact is, that having once gotten possession of the essential constitutional parts necessary to form the race-horse (and which will be described hereafter), we ourselves have (by a superior knowledge of the animal, and the means of availing ourselves of his capabilities, not only by rearing and training, but by riding him also) brought him to a pitch of excellence which will not admit of further improvement. Superior as is the air of the desert (which is said to be so free from vapours that the brightest steel is not affected with rust if exposed to it for a night) to that of our humid and ever-varying climate, which, especially in Ireland, is said to produce blindness in horses ; and propitious as it must be to animals found, *as the horse was found*, in the greatest perfection when reared in it ; yet were the finest Eastern horse that could be procured brought to the starting-post at Newmarket, with the

advantage of English training to boot, he would have no chance, at any weight or for any distance, with even a second-rate English race-horse. They will not bear what jockeys term "squeezing" in the last fifty yards of a race, and lose all heart in an instant. The late Mr. Atwood was the last racing man who ran half-bred Arabs in England, and he scarcely ever won a race with them from this cause.

Although we have spoken in disparagement of horses of the East as racers, upon the same terms with those of our own breeding, we are willing to allow them the merit of being the parent stock of all our racing blood; as it is quite evident the indigence of our own country, or of those European ones which approximate to it, would never have produced the sort of race-horse now seen on the British turf. The nature and character, indeed, of the horse of the desert, are peculiarly adapted to an animal which, like the race-horse, is called upon to put its physical powers to the severest test to which nature, aided by art, can submit. In the first place, the Arabian horse possesses a firmness of leg and sinew unequalled by any other in the world. This excellence, which he owes to climate, arises from his having larger muscles and *smaller bone* than other horses have; muscles and sinews being the sole powers of acting, and on them depend the lasting qualities of an animal going at the top of his speed. Bones being the weight to be lifted, serve only to extend the parts; and it is evident that such as are small but highly condensed, like those of the deer and the horse of the desert, are, by occupying less space and containing less weight, more easily acted upon by muscular force than such as are large and porous, and for a greater duration of time,

without fatiguing the acting powers. But the excellence of the Arabian horse, or horse of the desert, does not end with his highly condensed bone, and flat and wiry leg so much esteemed by the sportsman. All the muscles and fibres of his frame are driven into closer contact than those of any other breed ; and, by the membranes and ligaments being composed of a finer and thinner substance, he possesses the rare quality of union of strength with lightness, so essential to the endurance of fatigue in all quick motions. He thus moves quicker and with more force, by reason of the lightness and solidity of the materials of which his frame is composed ; and when to these qualifications are added the peculiar and deer-like elegance of his form, and extraordinary share of muscular power for his inches, he appears to furnish all the requisites of the race-horse on a small scale.

It is worth inquiring into the reason of the improvement of the horse of the desert, and indeed of all the countries of the East, not advancing towards perfection, as that of our own breed has done. No doubt it was intended that we should improve upon animal nature as we improve our own, and nowhere has the attempt been so successful as upon our varieties of domestic cattle ; but the horse of the desert now, if he has not retrograded in his good qualities, is the same animal that he was nearly two centuries back. With the exception of the Wellesley Arabian, said to have been bred in Persia (but the assertion is unaccompanied by proof), which measured 15 hands 2 inches high, all the rest that have been imported have been little better than Galloways, which must be attributed to two causes—first, the want of being forced, as our own horses are, in their colthood, by

high keep; and, secondly, by adhering too closely to the indigenous breed, or that whose blood is unmixed, by which means it has dwindled. Accurate observers must have noticed that the greater part of the horses brought to this country as Barbs and Arabians have exhibited a palpable deficiency in the points contributing to strength, and the want of general substance is apparent at first sight. It is true that, of late years, their estimation has so diminished in this country that no great pains have been taken to procure stallions of the highest caste, and scarcely any mares have been imported, and several of those sent over have been accompanied by very unsatisfactory pedigrees. We are, however, inclined to think that, as the immediate descendants of such horses are found quite inefficient as race-horses, and but few of the second or third generation have turned up trumps, unless as a rational experiment, the breeding of *race-horses* from Arabians is at an end.

We have reason to believe, that the best use to be made of Eastern horses, would be for the production of the English hunter, by the best-shaped hunting mares, nearly thoroughbred. By the help of the dam, and our present improved system of keeping young horse-stock, there would be little fear of the produce not coming to a good size, even in the first generation, as it is, for the most part, the property of these horses to beget stock larger than themselves; but by crossing the female produce in the second with our large thoroughbred horses, hunters for heavy weights might be looked for, with every prospect of success. We know that the virtue of the blood, or constituent parts, of the horse that was no racer (Marske, the sire of Eclipse, for example), has

produced a racing son, by acquiring proper formation of parts from the dam ; and if to the fine form of the English hunter, could be added the firmness of leg and sinew for which the Eastern horse is so conspicuous, but in which the English hunter is too often deficient, in conjunction with the larger muscles, more highly condensed bone, and well-known powers of endurance of the Eastern horse, not omitting his action, which is generally first-rate, but of which a proper judgment could be formed previously to the choice of the stallion, a great improvement upon our present race of hunters would be effected ; and all such as were known to be thus bred, would meet a ready sale. It is a well-known fact, that some of the most brilliant hunters England ever produced, were got by Arabian stallions ; and one, by Lord Clive's Arabian, was decidedly the best horse in Leicestershire, in Mr. Meynell's day, over every description of country. He was the property of the late Mr. Childe, of Kinlet Hall, Shropshire, who is said to have been the first to introduce the present very spirited style of riding after hounds. Of late years, there have been some very good hunters of this breed in the royal hunt. A powerful Toorkoman stallion would not, we think, fail in getting hunters out of good English mares. That breed is the largest of any of the Eastern horses, owing to being reared on better land.

One word more on the subject of the Eastern horse, as connected with the English turf. Owing to the doubts and uncertainties that hang over the pedigrees and countries of the most celebrated stallions and mares which laid the foundation of our present breed of racers, it is impossible to determine to which individual breed, whether to the Turkish,

the Barb, the Arabian, or the Persian, are the greater advantages derived from them to be attributed. They appear to us to be pretty equally divided. To the Byerly Turk we are indebted for the Herod blood (*sire of Highflyer*) ; to the Godolphin Arabian, said to be a Barb, for the Matchem blood, the stoutest of any ; to the Darley Arabian (*the sire of Flying Childers*), for the Eclipse blood ; and to the Wellesley Arabian, believed to be a Persian horse, to the only real advantage gained to English race-horses, by a foreign cross, in later years. It must, however, be observed, that the most famous horses of the last century, such as Childers, Old Crab, Eclipse, and King Herod, did not appear on the turf before they were five years old ; which leads us to suppose that the failure of horses subsequently bred, as they themselves were bred, from Oriental blood, and trained at an early age, may, in great part, be attributed to the fact of the immediate produce of such horses requiring more time to come to maturity, or even to a certain degree of maturity, than those, like our present breed of race-horses, further removed from such blood ; and the cause may be attributed to climate. It is reasonable to suppose that the produce of stallions and mares bred in the torrid zone, would come slower to perfection in a damper and colder country than it would have done in its own ; and we may infer from this, that in proportion as horses were brought earlier to the post, and races shortened in distance, Eastern blood got into disrepute.

In Great Britain, from the highly cultivated knowledge of the mechanical structure of living bodies, with the junction of best shapes, although but for racing, this knowledge

would have been comparatively in its infancy, the horse has arrived at the highest state of perfection of which his nature is capable ; and in whatever country and in whatever climate his racing powers are put to the test, he has scarcely found a rival, excepting under very disadvantageous circumstances. It is true his *lasting* qualities were doubted, and he was challenged to rebut the charge ; and the following was the result :—On the 4th of August 1825, two second-rate English racers, Sharper and Mina, contended against the most celebrated Cossack horses from the Don, the Black Sea, and the Ural, in a race of the cruel length of 47 miles. At starting, Sharper and Mina ran away with their riders more than a mile, and up a steep hill, when the latter horse broke down, and pulled up. Half the distance was run in an hour and forty minutes. In the last half, only one of the Cossack horses was able to contend with Sharper, who, notwithstanding every foul advantage was taken by changing the weight, and dragging along his opponent by a rope, won his race in gallant style, performing the distance in two hours and forty-eight minutes. At starting, the English horses carried three stone more weight than the Cossacks ; and, during the latter half of the race, the one Cossack who remained in it was ridden by a mere child. Every trial over the desert, no matter what the distance, during 1826-55, between English and Eastern horses, has been attended with precisely the same results.

From the great export trade to the Continent of English horses, and particularly those of full blood, occupiers of land cannot turn their attention to a much surer source of profit than that of breeding horses, provided they go judiciously

to work. But, unfortunately for the speculators in this branch of rural economics, too much is left to chance and experiment, and thus horse-breeding becomes absolutely a matter of speculation, instead of a matter of judgment. It is true, those noblemen and gentlemen whose studs have become eminent on the turf cannot be included in this charge, unless they are extremely prejudiced in favour of a particular sire ; but even with the benefit of great experience, and various other advantages, the utmost exercise of their judgment is required to ensure even a prospect of success against such a field as they have to contend with. Having said this, we will lay down a few practical rules for breeding and rearing the various kinds of horses now used in Great Britain, commencing, as before stated, with that of the race-horse.

In the first place, it may be observed there has been a great deal of discussion in various publications on sporting, but to very little purpose, on the much-agitated question, "What constitutes full blood, or what is termed a thorough-bred horse ?" We consider this question as very easily decided ; the term "thorough-bred horse" merely implying one that can be traced through the stud-book, by sire and dam, to any Eastern stallion, or to what were called the royal mares, imported by Charles II., as they, together with two or three of the first imported stallions, form the *ne plus ultra* of all racing pedigrees. As to the assertion, that for a horse to claim the title of thorough-bred it is necessary he should be of pure Oriental descent, it cannot for a moment be supported ; as, independently of the fact, that only two mares are stated in the *Stud-Book*, or elsewhere, on authority,

to have been imported into England in the early days of racing, it is well known that the first British race-horses were those of British breed, changed, ameliorated, and at last perfected by the admixture of Eastern blood, and judicious crossing afterwards.

The effect of what is called crossing blood is as follows : The first cross gives one-half, or 50 per cent.; the second 75 per cent.; the third $87\frac{1}{2}$ per cent.; and the fourth $93\frac{3}{4}$ per cent. In sheep, after this, if the ewes have been properly selected, the difference in the wool between the original stock and the mixed breed is scarcely perceptible ; but with the horse, the breeder must not stop here, if he means to produce a race-horse ; and a curious fact is stated respecting sheep, on the authority of the Count Veltheim, of Brunswick, an extensive breeder of that species of stock. "It has frequently occurred to me," says he, "that rams, which, after an improvement of four or five descents, have rivalled all the *visible* qualities of the purest Merinos, when employed in propagation, have got very ordinary lambs, and consequently they are not fit to be used for breeding. On the other hand, a fact may be stated, wherein, after a very opposite cross, pure blood, with evident improvement upon the original stock, was procured on the eighth descent. The late Lord Oxford, very celebrated for his greyhounds, finding them degenerating in courage, crossed his best bitches with a bull-dog. The result was, after several recrossings with pure blood, that breed of greyhounds for which he was so eminently distinguished. The immediate descendants, however, of the Eastern horses, have, almost without an exception, proved so deficient of late years, that our breeders will no more have

recourse to them than the farmer would do to the natural oat, which is little better than a weed, to produce a sample that should rival that of his neighbours in the market."

Much speculation has also been indulged in as to the effect of close affinity in breeding the race-horse, or what is called breeding in-and-in ; a system which has eminently succeeded in breeding cattle, and also with the late Lord Egremont's racing stud. Beginning with Flying Childers, several of our very best racers have been very closely bred ; and it certainly appears reasonable that, as like is said to produce like, if we have high form and superior organization in an own brother and sister, that high form and superior organization would be very likely to be continued to their incestuous produce. In a work called *Observations on Breeding for the Turf*, published several years back by Nicholas Hankey Smith, who resided a long time among the Arabs, the author gives his opinion that colts bred in-and-in show more blood in their heads, are of better form, and fit to start with fewer sweats than others ; but when the breed is continued incestuous for three or four crosses, the animal, he thinks, degenerates. By breeding in-and-in, however, he does not insist upon the necessity of breeding from brother and sister, or putting a mare to her own sire, or the sire to her own dam ; but after the first cross, to return to original blood. A proof of the good effect of a close affinity in race-horses may be found in the produce of the dam of George IV.'s favourite mare Maria. By those celebrated stallions, Rubens and Soothsayer, they were worthless ; but by Waterloo and Rainbow, grandsons of Sir Peter, and thus combining much of her own blood, they could run to win.

The first and most important point in the choice of a blood-mare for a racing stud, is the soundness of her constitution and limbs ; although, of course, it is desirable she should be of good size and shape, with substance. How highly soever she may be bred, and however well she may have run, if she have not a sound frame, she cannot be depended upon to breed racers. If she have never been trained, of course the risk is increased ; but, in either case, her form and action must not be overlooked, as it too often is, rendering the breeding of thorough-bred stock a mere matter of chance. Should she have appeared in public, her racing capabilities are to be consulted. For example, if pace (speed) was her best, as the jockeys say, a stallion should be selected, who, by the known stoutness of his running, is likely to tie her produce to pace, or, in other words, to give them both speed and endurance in a race. Her frame should be roomy, or her produce will be apt to be small, although, it must be admitted, there are exceptions to this rule. She should be of what is termed fashionable blood, for, if she be not, and her produce should come to the hammer, *previous to trial*, they would prove utterly worthless in the market.

It cannot admit of a doubt, that it is trespassing on the powers of nature to expect a mare, or any other female animal, to nourish her foetus, in embryo, so perfectly during the time she is giving suck, as if she were dry or without milk. Nevertheless, it is customary to put all blood-mares to the horse the ninth day after foaling, and it is almost too much to expect that the owners will let them lie fallow, although they may in some measure resemble the man who cut up his goose to get at the golden egg. During the period of gesta-

tion, however, the thorough-bred mare should be highly kept. All animals well fed, produce their species of a superior description to those which are not well fed; and nothing more forcibly shows the beneficial effect of warmth in rearing superior varieties of the horse, than that the half-starved horse of the desert should be as good as he is even now found to be.

In a racing-stud, the period of putting mares to the horse is much earlier in the year than that of any other sort, by reason of their produce being almost always called upon to go into work before they are two years old. In fact, they can scarcely be dropped too soon in the commencement of a new year, where proper accommodations are provided for them. A peep into the seven volumes of the *Stud-Book* will satisfy inquirers into these matters, that some mares have produced more than twenty colts and fillies, and, in a few instances, a third of them have proved good runners; but we should be inclined to think that the average would not exceed six, as the produce of each mare. It sometimes occurs that mares are put into a breeding-stud, when affected by severe lameness in the feet. When this is the case, the operations of neurotomy or unnerving is recommended; as pain, by producing fevers, not only is injurious to the formation of the foetus, but often causes abortion. Bad, putrid smells, or being struck on the nose, also produce abortion in brood mares.

Virgil, in his excellent remarks on breeding horses, tells those of his readers who wished to gain a prize, to look to the dam; and, until of very late years, it was the prevailing opinion of Englishmen, that, in breeding a racer, the mare is more essential than the horse to the production of him, in his

highest form, and we know it to have been the notion entertained by the late Earl of Grosvenor, the most extensive, though not perhaps the most successful, breeder of thoroughbred stock England ever saw. The truth of this supposition, however, has not been confirmed by the experience of the last half century, and much more dependence is now placed on the stallion than on the mare. The racing calendar, indeed, clearly proves the fact. Notwithstanding the prodigious number of very highly bred and equally good mares that are every year put to the horse, it is from such as are put to our best stallions that the great winners are generally produced. This can in no other way be accounted for, than by such horses having the faculty of imparting to their progeny the peculiar external and internal formation absolutely essential to the first-rate race-horse; or, if the term "blood" be insisted upon, that certain innate but not preternatural virtue, peculiarly belonging to some horses but not to others, which, when it meets with no opposition from the mare, or, in the language of the stable, when "the cross nicks," by the mare admitting of a junction of good shapes, seldom fails in producing a race-horse, in his very best form. The blood of some mares will only cross successfully with one particular horse, and Phryne has, for instance, not been very successful since Pantaloone died. Emma, Arcot Lass, and Barbelle have each produced a brace of Epsom or St. Leger winners to a different horse. Mandane has also a strong claim to rank with the world-famed Prunella, and she foaled Altisidora by Dick Andrews, Lottery by Tramp, and Brutandorf by Blacklock. It is obvious, then, that owners of racing studs should not hesitate at paying the difference

between the price of a first-rate stallion and an inferior one ; and there is always one of the former to be found, to suit every description of mare. Breeders of all kinds of horses, but of the race-horse above all others, scarcely require to be cautioned against breeding from mares, or putting them to stallions constitutionally infirm. By "constitutionally infirm," is chiefly implied having a tendency to fail in their legs and feet, during their training, which too many of our present racing-breed are given to. Still there are as many good judges who side with the Earl, and affirm that the exterior conformation of the foal is principally derived from the sire, and its interior from the dam ; thus throwing the responsibility of its sound or unsound lungs, which are, after all, the great test of a good racer, on the latter.

In consideration of the preference given to the stallion over the mare in the propagation of racing-stock, may be quoted the following passage, from part 3d of Percival's *Lectures on the Veterinary Art*—London, 1826 :—"It might be supposed that the part the male takes in fecundation is comparatively a very unimportant one ; it must be remembered, however, that the copulative act is the essential first cause, that therein the action of the organs is natural and sympathetic, and that the result is the generation of a new animal, bearing a likeness to one or both of the parents ; from which it would appear, although the physical part of the male is simply to project the sperm into the female, who alone has the power of rendering it efficacious, that the influence of the sperm is much greater in the generative process than we seem to have any notion of, or at least than we have been able to reveal the nature of in physiology."

REARING OF YOUNG RACING STOCK.

Under all circumstances, there is too much resemblance between the speculations of the turf, and a lottery ; but, as the prizes it exhibits are valuable, the most effectual means of obtaining them should be adopted. It signifies little what care and circumspection have been exercised in the selection of stallions and mares, with a view of breeding racers ; the prospect of success is very limited indeed at the present day, unless the produce be reared according to the improved system acted upon in our first-rate racing establishments. Such was the pertinacity of opinion combined with long-established prejudices, and in direct opposition to the daily acknowledged fact, of dry and warm countries having been the first to produce the horse in perfection, that it is only within a very few years that young thorough-bred stock has been reared in the manner in which it should be reared. A thorough-bred colt may now be said to be in training from the day on which he is dropped, so great is the care taken to force him into shape and substance. Not only is he drawing from the teats of his dam the milk of a highly fed animal, and consequently, in itself highly nutritious, but, before he is twelve months old, he eats nearly two bushels of oats per week. The time for expansion of frame is youth, and, when we see a two-year-old at the post, with eight stone seven pounds on his back, looking like a horse able to carry a light man after hounds, we most cordially assent to the answer given by the most experienced Newmarket trainer of the present age to the question, What is the best method of rearing a racing colt ? "First observe," said he, "that the

blood, or cross, is good ; secondly, breed him as you would a sheep, from a roomy dam ; and thirdly, give him as little green meat as possible, and as much corn as he will eat." The trainer we allude to has now retired, but he had all the young stock of the Duke of Grafton, and many of the first and most successful sportsmen in England, through his hands, and the annual disbursements of his establishment exceeded ten thousand pounds. That dry and hard food, as it is called, is the natural food of the parent stock from which our race-horses are descended, is beyond all doubt ; and that the firmness of their acting parts is attributable to that, and to the warmth and dryness of the climate, is also admitted. Is it, then, to be wondered at, that breeders of horses, and not only of race-horses, have at length found out that dry food and warmth have the same effect in the temperate as they have had, and now have, in the torrid zone ? that they have discovered that, when colts are bred on rich succulent food, and subject to a humid atmosphere, the bulk of the body increases out of proportion to the strength of the bones ; and to these predisposing causes are to be attributed most of the false points which we find in horses, such as fleshy shoulders, deficiency of muscle, weak pasterns, and flat feet ? Virgil discovered this nearly two thousand years ago, and, when speaking in praise of Epirus, as suitable to the breeding of horses, emphatically observes :

“Continuo has leges, æternaque fœdera certis

Imposuit natura locis."

Georg. i. 60.

So careful, however, now are some of our principal and most successful breeders of race-horses to avoid these evils,

that not only is a thorough-bred colt eating grass *ad libitum* become a rare sight, but he is not suffered to be exposed to rain, even in the midst of summer, no, not even to a temporary shower. The effect of rain upon horses' backs is found to produce the worst of diseases—glanders, for instance—as is well known to all cavalry officers who have been on service with their regiments; and it cannot be innocuous to the highly-bred foal or colt. That he should be sheltered from the cold of winter, need scarcely be insisted upon here, although we are rather inclined to think that, in the generality of breeding establishments, he is more exposed to weather in the winter than he ought to be. There is no objection to a moderate allowance of carrots, and a little green food; but according to the old Greek proverb, "Ἄλλος βίος, ἄλλα διάτρα, another life, another diet," we must hear no more of the "natural food" of an animal insisted upon by many, who is so far called upon to outstrip the laws of nature as to begin to work at fourteen months old, and to appear at the starting-post at two years old, displaying the form, character, and strength of one nearly arrived at maturity. Neither is the land on which a racing-stud is situated oftentimes sufficiently considered; but a want of such consideration has been the source of great loss. It is in vain to expect success unless upon that which is dry, and consequently of sound subsoil; and what is termed "upland ground" is most favourable. Walls, independently of security, are preferable to hedges for inclosures to breeding paddocks, as the latter harbour flies, which are very injurious to young stock, and also to their dams, in hot weather; but the present small dimensions of breeding paddocks, not exceed-

ing a quarter of an acre, and many still less, preclude the use of hedges.

Racing colts are physicked when foals, and periodically afterwards ; their hoofs, also, are pared with a drawing-knife, that, by shortening the toe, the heel may have liberty to expand. Physic, in this case, may be termed the safety-valve, and such it is in reality, for this system of forcing nature cannot be free from danger. It is found, however, materially to promote growth, as indeed does the work that our racing-colts perform at such a very early age. Muscular action produces muscular strength, and growth will be the result ; and we have seen colts sixteen months old measuring 15 hands 2 inches.

Racing colts can scarcely be handled too soon :—

“Dum faciles animi juvenum, dum mobilis ætas,”

as Virgil says of the bulls ; and Horace illustrates the necessity of early erudition of the human species by the excellence of horses which have been well broken in when young. The first breaking in of colts is also alluded to by Ovid, who, like Horace, is in favour of very *careful* treatment of them, and reminds us of the necessity of it in the following beautiful line :—

“Frænaque vix patitur de grege captus equus.”

The system of breaking colts, however, is not only thoroughly well understood in our racing establishments, but is accomplished with much less severity than it formerly was, and consequently with less danger to the animal.

The time of foaling is one of great interest to owners of

valuable brood mares, and particularly so when the produce is engaged, perhaps heavily, or when they are of what is termed a running family. The attention of the stud-groom is directed by sundry forewarnings, the most palpable of which is what is called "waxing of the udder," and appearance of milk, which generally precede parturition two or three days, but in some instances more. As the mare brings forth on her legs, there is little fear of the foal being overlaid by the mother; but the less she is disturbed the better, lest she should trample on its legs. Her treatment afterwards is now so well understood, that nothing requires to be said about it; but a bran mash, with from four to six ounces of nitre dissolved in it, given as soon as she has brought forth, keeps off fever. The great preventative of accidents to foals, is the simple contrivance of rollers on the sides of the door-frames, which secure them from being injured as they rush out of the hovel or shed by the side of their dams, especially in cases of alarm.

Some persons prefer purchasing to breeding young racing stock, and it is difficult to determine between the advantages and disadvantages of the systems. It is true that, in the first case, the purchaser has a certainty of some return for his money, inasmuch as he gets his colt or filly, which the breeder may never get, after incurring a great expense on the mare. The price of a promising yearling, from a hundred to a thousand guineas, is a large sum to begin with; and we cannot, in this instance, say with Varro, that "a good horse is known from the first." If purchased after he has won in public, at two years old, he is often not to be purchased, if he has good engagements, under one to three thousand

guineas, a large sum to realize, when added to concomitant expenses. Nothing but the immense amount of stakes for young racing-stock can justify such a speculation. For example, in 1824, a filly of the Duke of Grafton's won four thousand four hundred and fifty guineas, public money, by only starting twice ; and Crucifix cleared £4805 during her two-year-old season in 1839.

One of the principal drawbacks from the prospects of success in a racing establishment, is a complaint called the *distemper*, a sort of catarrhal fever, the cause of which is generally attributed to atmospheric influence, and also to any other which may produce what is termed a cold. Unlike common catarrhs, however, the distemper will run through a whole stud of horses ; and if it do not, as it frequently does, end in an affection of the lungs, it leaves a lassitude behind it, which requires some time to remove. As a hot sun, with cold winds in spring, and the humid air of the autumn, are the chief predisposing causes of this complaint, an even temperature in the stable, and warm clothing when out of it, together with avoiding exposure to extremes of heat and cold, are the best safeguards against its attacks. It may be compared to a frost over the blossoms, which in one night blasts all former hopes of a crop.

A most interesting event to a breeder of thorough-bred stock is the trial of their racing powers, which at once decides the question of their being worth the expense of training to run or not. There is a great deal of judgment necessary in the act of trying even old horses, but still more is required to form a just estimate of young ones, from the difficulty of knowing when they are quite up to the mark, as well as of

keeping them there. They are generally tried early in their two-year-old season, or very late in their yearling one. It is also not one jockey in thirty who can "try" well ; and, as a general rule, he ought to ride the trial horse, not the one whose powers are to be tested. William Scott was a first-rate "taster," as it is termed, and so was Frank Butler.

But we have not yet spoken of the form of the race-horse, which we will now describe ; and as nothing can be considered characteristic of a species, but what is perfect of its sort, we will so far endeavour to make the pen perform the task of the pencil, as to portray his cardinal points, as nearly perfect as such means will admit of. Nature herself, perhaps, rarely exhibits perfect models in the animal world, leaving the completion of her skill to human sagacity ; neither is undeviating symmetry absolutely necessary in a race-horse. In every composite, however, beauty consists in the apt connection of its parts with each other ; and just proportions in the limbs and moving levers, coupled with that elegance of form *in which there is no unnecessary weight to oppress the muscles*, so peculiar to the highly bred race-horse, is all that need be insisted upon in a racer. It is nevertheless hard to say what horse will make a racer, and also what will not, until put to the test ; for, how many horses have appeared, which the eye of the sportsman would not wish to study, and yet have proved themselves very capital runners ? This excellence, however, in those "cross-made horses," as they are termed, not misshapen ones, arises, as has been before observed, from their possessing parts conducive to speed and action, not, perhaps, very strikingly displayed, but, by means of greater length and depth, and a peculiar manner of setting on of the

acting parts, enabling them to excel others, much handsomer to the eye, but wanting in either proper declivity, length, or, what is still more probable, in circular extent of those parts. Thus, as the wise man, according to the Stoicks, alone is beautiful, so is a race-horse to be admired solely for those points which make him a good race-horse.

Although symmetry and proportion form a perfect figure, and they become deformities when any of the component parts exceed or fall short of their due proportions, yet it is not always necessary to measure by the standard of perfection. Suffice it, then, to state the generally approved points of the English race-horse.

We commence with the head, not merely because it has always been considered as the most honourable member in the human frame, but as it is one of the leading characteristics of the thorough-bred horse. His broad, angular forehead, gives him that beautiful expression of countenance which no other breed possesses ; and the tapering of the face from the forehead to the muzzle, forms a striking contrast with the large face of the cart-horse, and the forehead scarcely wider than the face. The race-horse should have a black, lively, and rather prominent eye, which denotes a sound constitution ; and as horses do not breathe through the mouth, but only through the nose, the nostrils should be rather expanded and flexible, that they may accommodate themselves to quickened respiration, as the speed of the animal increases. But they should not be over large. “*Naribus non angustiis*,” says Varro, and he is right. Beauty in the head of the race-horse, however, is only a secondary consideration to the manner in which it should form a junction with

the neck, as on that, in a great measure, depends the goodness of his wind in a race. His jaws should not only be thin, and not approach too near together at the throat, but they should not extend too high towards the onset, or they will impede his freedom of breathing. The neck of all horses should be muscular; but what is called a loose neck in a race-horse, is not so objectionable as in a hunter, and is considered as indicative of speed. But as the head of a horse



HEAD OF A RACER



HEAD OF A CART-HORSE

may be called the helm which guides his course, changes, and directs his motions, it is not only desirable that, as he cannot move his head but with the muscles of his neck, those muscles should be pliant, but that he should also have what is termed a good mouth. It is asserted that the weight of the head and neck, the effect increasing with their distance from the trunk, adds to the speed of the horse, by throwing his weight forward; but this is no argument for *additional* weight or length in those parts, which ought to be duly proportioned to the trunk. The neck of the race-horse should be in no extreme, but rather long than otherwise, and not too much arched.

As horses are said to go with their shoulders, these may be considered as highly important points. They vary in form more than any other part of the horse's frame. Those of Flying Childers rose very high and fine towards the withers ; whereas, a firkin of butter rested, unsupported, on the withers of Eclipse, when in covering condition. Upright shoulders, however, being, (though not in Teddington's case) an impediment to speed, obliquity of the scapula is absolutely necessary, but we do not insist upon their running fine at the withers. We consider the shoulders of Eclipse to have resembled those of the greyhound, wide at the upper part, and nearly on a line with the back. Large, or even what are called coarse shoulders, contribute greatly to strength, and are no impediment to speed, if there is proper declivity of the scapula, or shoulder-bone. The withers, when high, or thin, should enlarge gradually downwards, and there should be four or five inches between the fore-thighs, but less between the feet.

The true position of the limbs is a most material point in the race-horse, as it causes him to stand over more ground than one which is otherwise formed, although possessing a more extended frame. One of these essential points is, the setting on of, and length in, the fore-arm, or part from shoulder to knee in the fore leg ; and another is, the declension of the haunch to the hock in the hind leg, which is termed "well let down in the thigh" It is from having those points in excess, that enables *the hare* to describe a far greater circle, and cover more ground at one stroke, than any other animal nearly double her size. In fact, the arm should be set on at the extreme point of the shoulder, which insures

this act of extension, and also adds to the declivity of the shoulder. The knee should be broad and flat, and if appearing somewhat prominent, the better. All the Herod legs had prominent knees (and no legs stood work better than they did), concussion in galloping being diminished in legs so formed. The cannon, or shank, from knee to fetlock, should be of moderate length in the race-horse (longer than in the hunter), and, above all, the leg should appear flat, not round, with sinews and bones distinct; and the former appearing to be very firmly braced. The pastern of the race-horse should be long, lax, and rather small than otherwise; length and laxness serving as springs, and smallness contributing to agility, and consequently to perseverance or bottom. Some comparison will hold good between this point in a horse, and the "*small of the leg*," as it is called, of a man, in contradistinction to the calf. Under the pressure of fatigue, no man complains of the "*small of his leg*" giving him uneasiness, but his calves often give him notice that he has done too much. The hoof of the race-horse should be of moderate size in proportion with the leg above, but, of course, those whose hoofs are unduly small cannot get well through dirt.

We have already alluded to the bone of the thoroughbred horse, which much exceeds that of any other variety of this animal, in its compactness and solidity; which qualities, as the span in the gallop must give a shock in proportion to its length, are admirably adapted to the race-horse. We cannot say of him, what Job said of the behemoth, that "*his bones are like bars of iron*;" yet, as in proportion to the muscular power of the animal is the dense quality of the

bone, that of the race-horse need not, nor should not, be large. Experience teaches us, that bones very rarely break ; fractures, when they do occur in racing, being almost invariably in the joints ; and rather small bone in the leg of a race-horse, supported by broad and well-braced sinews and tendons, placed distinct from the bone, and forming what is called a flat and wiry leg, is most desirable, and found to be indicative not only of speed and endurance, but likewise of soundness in severe work. It is only those who are ignorant of the anatomical structure of animals, that fix the basis of strength in the bony substances alone, not considering the muscular appendages, which constitute the main-spring of strength and action.

As the strongest bodies owe their vigour to the milk they receive in their infancy, our recommendation to keep brood mares well will not be considered as unsuitable ; but the connexion between milk and bone is also deserving of a remark. When animal bones are divested of their oil and jelly, the earth which remains is chiefly lime, united with phosphoric acid. It is worthy of notice, that phosphate of lime is found in abundance in milk. This seems to indicate, that Nature thought fit to place, in the first nourishment of animals, a quantity of osseous matter, with a view to the necessary celerity of the formation and growth of the bones in the earliest stage of their lives. This is one of the numerous instances of the beneficence of the Creator, exemplified by the science of chemistry, and shows the advantages to be expected from a good flow of milk in a mare that is well fed ; and it is a remarkable fact, that the nearer the female approaches to the period of parturition, the more is

the milk charged with this calcareous phosphate. Nor is it until the digestive organs of the food are sufficiently strengthened to answer the purposes and work of animalization, that this earthy salt disappears.

But to proceed with the form of a race-horse. The race-horse should have length, but the length should be in his shoulders and in the *quarters*; that is, the part posterior to the hips, and not in his back. To give him that elegance of form for which he is so conspicuous, there should be no acute angle or any straight line. His shoulders should go into his neck at the points, *unperceived*, and his back should sink a *little* behind the withers, which gives his rider a good seat, and does not in the least diminish his strength. On the contrary, horses with very straight backs are generally deficient in their forequarters, as well as in their action; and we have known some very good racers, Glencoe and Haphazard for instance, considerably hollow-backed. There should be a little rise in the loins, just behind the saddle; but the race-horse cannot be too closely ribbed up, if you wish him to stay a distance, and carry weight. The ribs should stand out from the spine, producing what is called a round barrel, together with depth of carcass, a formation which not only gives strength of body and constitution, but, by admitting the intestines to be comfortably lodged within the ribs, imparts freedom of breathing, activity and beauty to the whole frame of the horse, other parts being proportional. These useful points must not be carried to an extreme, or the horse may be "too heavy for his legs;" and we know that light-bodied horses save their legs much in their gallops, which accounts for mares and geldings standing

the severity of training to a later period of life than stallions, by reason of the former requiring less work, from not generally carrying so much flesh as the latter.

There is no part, excepting the head, so truly characteristic of high breeding in the horse, as his haunch. If a little of the elegance of the parts, however, is diminished by the width of the hips, it will be recompensed by increased strength in the animal, as is the case with broad-shouldered men; and when accompanied with good loins, these protuberances of the ilium can scarcely be too great for the purposes of power and action. We next come to the thigh, the form and substance of which is most material to the race-horse; for although horses are said to go with their shoulders, the power to give the impetus in progressive motion comes from behind. With all animals endowed with, and requiring extreme rapidity of motion, the thigh is furnished with extraordinary powers and length—the hare, for example, whose thighs are let down to a great extent for their size, and the lower part of the hinder leg placed under them, as that of the racer should be, from a proper curve of the hock. The speed of the ostrich arises from the power of the muscles from the pelvis to the foot; and the thigh of the fighting cock is a point much considered by breeders. It is not necessary that a race-horse's thigh should be very large, but it should exhibit well-developed muscle. Descending lower in the limb, we arrive at the hock, a very complicated joint, but the form of which is most important in the race-horse. It should be large and lean, and the point of it projecting behind the body, which greatly increases the power of the lever in action, as will presently be most satisfactorily shown.

SIZE.

The point of perfection in most things lies at a middle distance between two extremes, and such is the case here. The medium height, about 15 hands 2 inches, to 15 hands 3 inches—4 inches to a hand—is the best for a race-horse. As the long beam breaks by its own weight, so large animals have rarely strength in proportion to their size. On the English turf, however, the very large horses that have appeared have, with a very few exceptions, not been found so good under high weights, as those of a medium height; and several instances are on record (*Meteora*, *Whalebone*, and others, for example) of the best horse of his year being very nearly the lowest. *Ancaster*, *Starling*, *Gimcrack*, *Highlander*, *Milksop*, and several of the best 14 hand 2 inch horses of the last century, could also defeat 16 hand horses cleverly at 4 miles, under 12 stone; and those modern dwarfs *Mickey Free* and *Midas* have carried 8 st. 7 lbs. with good success.

The following are amongst the principal and essential points of a race-horse, pointed out by Mr. Darvill in his *Treatise on the English Race-horse*, London, 1834:—

“ His head should be small and lean; his ears small and picked; his eyes brilliantly large; his forehead broad and flat. His throat should be clean, and fine from the butt of the ear down to its centre, with a good wide space between the jaw-bones, which latter should be thin.

. The neck should be moderate in length. I prefer its being wide; I mean its width should be formed by the substance of muscles which pass along each side of the top part of it; from the withers to the head it may

gradually rise a little in its centre, but by no means to any extreme, as I have a great aversion to a high-crested race-horse. Indeed, I would prefer that his neck should be rather of the ewe or deer-like shape, than that it should be loaded on the top. As to the lower part of the neck, I have no very particular remarks to make, further than the trachea or windpipe should be spacious and loosely attached to the neck on its way to the lungs.

"The withers may be moderately high, and, if the reader like, they may also be moderately thin ; but, with respect to this latter point, I am not so very particular, provided the shoulders lay well back. From the withers the back commences. I confess that appearance may be in favour of a horse that has his back a little low or hollow. As a saddle-horse, this may be all very well, but for a race-horse to have strength and liberty of stride, his back should be straight and moderately long, with the shoulders and loins running well in at each end. The loins should have great breadth and muscular substance, so much so as for them to have the appearance of being raised as it were on their surface ; and those muscles posterior to the loins should fill up level the top part of the quarters to the setting on of the tail, which latter should be set on pretty high up."

After describing the fundament, which, if small, close, and tight, and rather projecting than otherwise, Mr. Darvill considers as a good constitutional point, he thus proceeds :— "I now come to speak of the body, or what is by some people commonly called the 'middle piece' of the horse, and which is divided, internally, into two cavities by a muscular substance called the 'diaphragm.' The anterior cavity, the

chest, contains the lungs, the heart, etc. The posterior one, the abdomen, contains the stomach, intestines, liver, kidneys, etc. Now, with respect to the external form of the body, which contains and protects all those numerous organs so important to life, I shall first make my observations on the chest. To use a common phrase, and somewhat an expressive one, a horse in this part should be what is called 'well over the heart,' that is, he should be deep in his girth, round or well arched in his ribs. I mean by this, that a rider on the back of a race-horse (as they are generally better about the chest than horses in common use), should feel he has some breadth or substance between his legs; and there should be a good swell of muscle before his knees, or the centre of the flaps of the saddle. The chest, thus spaciously formed, gives room for respiration, so that in training, the horse's wind can be brought to the greatest perfection, which enables him to run on in long lengths. The next part to be treated of is the abdomen or belly, or what is usually called the carcass. It may perhaps appear a little strange, but I have a great aversion to what is commonly called a good-carcassed horse, nor am I particularly partial to a large sheathed one. I like both these parts to be in the medium, as I do also that of his being well ribbed up. It is true that a horse being well ribbed up denotes strength, and a short close-made race-horse is, in running, handy at his turns, and, as I have already noticed, he is generally a pretty good one under high weights over a small round cock-pit course; but this description of course and sort of running is not now so much practised as formerly, or rather it is a sort of racing that does not exactly suit long-striding horses, as most of those are

that run in Newmarket. Another thing is, that horses with large carcasses are mostly great gluttons ; they put up flesh very rapidly, and are very difficult and troublesome to train, in consequence of their constitutions being too strong, or proportionably too much for their feet and legs. Such horses not only seldom remain long in training, but they cannot remain long in condition without their becoming stale in themselves as also on their legs, and those are my reasons for objecting to very large-carcassed horses ; yet I do not wish horses to be what is termed ‘tucked up’ or waspish in their carcasses. I like a horse’s carcass to be in the medium ; that is, it should be straight and handsome from behind the girths of his saddle ; and what will make up sufficiently well, and give him sufficient strength of constitution, is the well formation of the parts already noticed, as the chest, the loins, and the fundament.

“ To return to the fore extremities. The shoulders commence from a little below the withers ; they should lie most particularly well back, should be deep, broad, and muscularly strong ; yet those muscular parts should appear to the eye as being moderately so, that is, not unproportionally loaded. These muscles should be distinctly seen, there should be no appearance of fat, or, as it is technically termed, ‘adipose membrane.’ The shoulders cannot well be too oblique in their descent to the front of the chest ; here, on each side, a joint is formed by the lower part of the scapula or shoulder-blade being united with the upper part of the humerus or arm-bone. Those joints, thus formed, are usually called the points of the shoulders, which points should appear straight or level. There should be no coarse, projecting, or

heavy appearance about the points of the shoulders of such horses as are intended to race ; nor indeed does this often occur, unless where it happens that the chest or counter of the horse is unproportionally wide. In taking a front view of the chest, it should appear moderate as to breadth ; and if its prominence is at all to the extreme, it should be in consequence of the fulness or substance of those muscles covering the breast, which muscles should be lengthy, and their divisions distinctly to be observed. The forearm should be broad and long, and most particularly well furnished with muscles on its top parts, inside as well as out ; I mean by this, that the muscles on the top and inside of the arm should here be so large as to leave but a moderate space between the fore-legs, immediately under the chest, and which muscles should appear, as those in front of the chest, distinctly divided. The posterior part of the top of the arm is called the 'elbow ;' this should appear (the horse in condition) somewhat on a level with the body ; if it at all deviates from this appearance, I would prefer its standing in to that of its standing unproportionally out. The knee-joint should be large, broad, and flat in front ; generally speaking, the larger and broader all joints are in reason, the better and stronger they are ; and the longer, coarser, and rougher, their projecting points or *processes* are, the greater and more secure will be the lever for the muscles or tendons to act upon, provided such projecting parts or joints (as the hocks and pasterns) do not amount to disease, as that of producing spavins and ring bones. The legs from the knee to the fetlock cannot well be too short, neither can they well be too broad or too flat, nor their flexor tendon scarcely be too large

or appearing too distinctly divided, as it were, from the leg. The fetlock-joint should also be large, and the pastern proportionally strong, but its length and obliquity should be in the medium. The wall or crust of the feet should also be moderately oblique, with the heels open, and frogs sound ; this, indeed, is generally the state of racing-colts on first leaving their paddocks, if their feet have been paid proper attention to during the time they may have remained there. Yet the feet of such of them as have been some time in work will occasionally get out of order ; they grow upright and strong ; the horn gets hard and brittle, and the heels more or less contracted ; almost all of which defects are too often occasioned from the want of proper attention being paid to them at the time of shoeing, and of proper applications being applied to them in the stables. Previous to concluding my remarks on the fore extremities, it may not be amiss to observe to the reader, that, supposing him to stand opposite to those parts of the horse, if the animal is formed in them, as I have already described, the centre of the top part of the fore-arm, to be well placed, ought to be nearly or quite in a parallel line with the top or fore-part of the horse's withers ; and again, from the top part of the fore-arm down to the foot, for the horse to stand firm and well, and have the power of using his fore-legs well, he should stand perfectly straight on them ; I mean by this, they are not to appear too much under him, or too much out or away from him. Suppose again, for example, a man standing in front of the horse, and here taking a view of the foot, the centre part of the wall or crust should be in or on a parallel line with that lower part or joint of the shoulder, commonly termed its point. A

horse's feet, thus placed, will neither be too much out nor too much in ; but should his feet deviate from what I have here observed, by amounting to a fault, in turning too much out or too much in, I should prefer their being a little out, to that of the other extreme of turning in, and being what is called 'pigeon-toed.'

"I shall now proceed to describe the hind-quarters or posterior extremities. As may be supposed, the well formation of those parts is of the utmost importance to a race-horse in his running ; it is, therefore, necessary that they should be, in breadth, substance, and length, of very superior dimensions. The hips should have a great breadth between them ; and if they are a little coarse or projecting, so much the better, provided such coarse projections are not in the extreme, or appear vulgar or unsightly. From the centre and posterior part of the loins to the top of the tail is called the 'croup,' and should be of great length ; and, if it deviates from that of a straight line, it may be somewhat arched in the centre ; the croup being thus formed gives great breadth to the top of the quarters, the length of which, from the croup down to the hock, cannot scarcely be of too great an extent, in order that there may be sufficient room here for the attachment of those broad, powerful, lengthy, and distinctly divided muscles on the outside of the quarters and thighs ; and there should also be a similar portion of such muscles on the inside of the quarters and thighs ; so that a man, who is a good judge, taking a posterior view, may observe how the horse is made. In this position he should be, as it were, struck by the appearance of the great breadth and length of the back part of the quarters, and as he moves

his head to the right or left, the centre and outside of the quarters and thighs, and the swell of the muscles, should appear beyond a level with the hips. The upper part of the muscles on the inside of the quarters should appear quite close to each other, so that no vacant space should be visible between them, as that of an appearance of the horse being (if I may thus express myself) chuck'd up in the fork. Such should be the lengthy and muscular quarters of a well-made race-horse.

"The stifle-joint should be in a direct line under the hip, and the length from this joint to that of the hock cannot reasonably be too long, and the farther out of the angular or oblique position of the thigh-bone the better, so as to admit of the back part or projecting point of the hock appearing some distance out beyond the top of the hind-quarters ; those parts being thus formed, admit of a very considerable lever for the main tendon here to act upon the tendon Achilles, which, like the flexor one of the leg, can scarcely be too large or too distinctly seen in its commencement, from the lower part of the quarter to its insertion into the posterior or projecting point of the hock, the *os calcis*. The hock should be broad and wide, with a clean lean appearance, and those soft parts which are occasionally the seat of through-pins and bog spavins, in a sound well-formed hock, should appear more as cavities than as having the above-mentioned projections, and which are sometimes the cause of lameness. The hind-leg, like the fore one, should be short, broad, flat, and straight ; the trifling angle formed by the hock, should, together with the moderate obliquity of the pastern, bring the extremity of the toe nearly under the stifle-joint.

ACTION OF THE RACE-HORSE.

As amongst the Egyptians the lion was the hieroglyphic of strength, so was the horse of agility ; and truly nothing displays it more elegantly than he does, when in a state of liberty. In the race-horse, action, as in eloquence, is the next thing to substance ; and *virtus in actione* should be the horse-breeders' motto. But the action of the race-horse is of a nature peculiar to his calling. He must not only possess great stride in his gallop, the result of great proportion in his limbs and moving levers, but also a quickness in repeating that stride, or he would lose in time what he gains in space. It is then when stride and quickness are united, that the fleet racer is produced ; and in his race with Diamond, Hambletonian is asserted to have covered twenty-one feet at a stroke at the finish of it ; and Eclipse is generally believed to have covered eighty-three and a half feet of ground in a second, when going at the top of his speed, which, by a calculation by Monsieur Saintbel, amounted to about twenty-five feet of ground covered at a stroke. Different ground requires different action ; and the long-striding horse may be beaten on a hilly, or turning course, by one of a smaller size, but with a shorter stride, which prevents the Newmarket courses being a certain criterion of a good runner at Epsom, which is very trying ground. The state of the ground, likewise, whether wet or dry, soft or hard, tells so much in a race, as often to give it to a horse very little thought of at starting, as was the case with Tarrare and Saucebox, winners of the St. Leger, at Doncaster, in 1826 and 1855. The celebrated Euphrates, the winner of so many gold cups, and who ran till he was in his

teens, was nearly a stone below his usual form, after even a hard shower of rain. This variation of fleetness corroborates our assertion, that the virtue of what is termed blood is mechanical, or that the excellence of all horses is mechanical, and that the smallest deviation from a true formation of the acting parts operates so powerfully as to render them, under certain exertions, nearly valueless.

WIND.

It is true, "speed wins the race ;" but to make it available to the race-horse, it must be accompanied by endurance, or "bottom." A great promoter of this is clear wind, or freedom of respiration, the want of which makes the war-horse rebel in the manège, the hunter run into his fences, the draught-horse fall, as if he were shot, and the racer either stop, or bolt out of the course. In fact, when the organs of respiration are fatigued, all animals are nearly powerless. The cause of good wind may be distinguishable to the eye, and arises chiefly from depth in the fore-quarters, which implies a capacious thorax or chest. However wide a horse may be in his foreparts, he will not be good-winded unless he is, at the same time, deep. But still wind in the race-horse depends on something more—on the nature of his constituent and component parts, which, if in proper proportion, impart to him strength and agility, giving him that easy action which will not readily fatigue these organs of respiration ; and so enable him to run on, when others, less gifted by nature than himself, are forced to slacken pace. The good effect of clear wind in a race-horse is in fact twofold ; first, it

gives him signal advantage in a race ; and, secondly, horses thus organized require less work to make them fit to start.

The following passage on this point is worthy of remark :—

“When the animal powerfully exerts himself, a more ample supply of pure blood is required to sustain the energies of life, and the action of the muscles forces the blood more rapidly through the veins ; hence the quick and deep breathing of a horse at speed ; hence the necessity of a capacious chest, in order to yield an adequate supply, and the connection of this capacity of the chest with the speed and the endurance of the horse ; hence the wonderful relief which the mere loosening of the girths affords to a horse blown and distressed, enabling the chest to expand, and to contract to a greater extent, in order to yield more purified blood ; and hence the relief afforded by even a short period of rest, during which this expenditure is not required, and the almost exhausted energies of these organs have time to recover. Hence, likewise, appears the necessity of an ample chest for the accumulation of much flesh and fat ; for, if a considerable portion of the blood be employed in the growth of the animal, and it be thus rapidly changed, there must be provision for its rapid purification ; and that can only be effected by the increased bulk of the lungs, and the corresponding largeness of the chest to contain them.” (*Farmers' Series*; “The Horse,” part vi., p. 182.)

Certain thorough-bred horses would deceive an inexperienced observer as to the real state of their organs of respiration, by an appearance of difficulty of breathing, which in reality they do not possess. The term for this apparent

defect is, in one instance, hard breathing, or high blowing ; and, in another, " cracking the nostrils." Of the first description was the celebrated Eclipse, whose breathing in his gallop could be heard at a considerable distance ; and of the latter (still more common) may be reckoned many of the best racers of past and present days. Indeed, a race-horse cracking his nostrils in his exercise, and snorting well afterwards, are considered indicative of good-windedness. On the other hand, when a race-horse becomes a roarer, which is a common effect of a severe attack of the epizootie, called the *distemper*, he is rarely able to struggle in a race, although there have been several instances of winners under such very unfavourable circumstances.

Temper is a property of much importance to the race-horse, subject as he is to its influence under more trying circumstances than most other descriptions of horses. In the first place, his fine and nearly hairless skin, softened and cleansed as it is by frequent copious perspiration, is so highly sensible to the friction of the wisp and brush, as to induce him to try to rid himself of his tormentor by attacking the person who is dressing him, and thus becomes vicious in the stable. It will also be recollectcd that he is at this time perhaps in the very highest state of condition and good keep of which his nature is susceptible. On the race-course, again, he has often to encounter the (to him) unnatural sound of music, and many strange objects ; perhaps two or three false starts before he gets into a race ; and too often, when doing his best in a race, very severe punishment both by whip and spur. It is in his race, however, and chiefly in the last struggle for it, that the temper of the race-horse is most put

to the test ; and, if really bad, he either runs out of the course, to the great danger of his rider, and to the inevitable loss of his owner and those who have betted on his winning, or he "shuts up," as the term is, and will not head his horses. It is evident, then, that breeders should not send mares to stallions of known bad temper, as nearly all those propensities are found to be hereditary.

It would be absurd to draw a comparison between the English race-horse in training and the horse of the desert, "educated," as Mr. Gibbon eloquently says of him, "in the tents, among the children of the Arabs, with a tender familiarity, which trains him in the habits of gentleness and attachment." Nevertheless, we are inclined to believe that the tempers of many naturally quiet horses are made uncertain, and oftentimes decidedly vicious, by want of proper judgment, as well as good temper, in those also who have the management of them. Brutes, like men, demand a peculiar mode of treatment when we require them to do their utmost for us ; and it is certain that this principle holds good in regard to both—namely, *that in general kindness gains its point, cruelty provokes resistance, and a proper degree of severity produces obedience.* The panther in the fable knew who fed her with bread, and who pelted her with stones ; and we may be assured, that so noble and high-spirited an animal as the horse feels with acuteness sensations of pleasure and pain.

We often hear it asserted that the British thorough-bred horse has degenerated within the last few years, and is no longer the stout and long-enduring animal that he was in the bygone century, particularly during the last twenty years of

it. We are inclined to believe that there is some truth in this. We do not think we have such good four-mile horses, as they are termed, as formerly, which we consider easily accounted for. They are not wanted, very few four-mile races being now run, even at Newmarket or in the country, and therefore a different kind of race-horse is sought for. It may, however, be true that the inducement to train colts and fillies, at a very early period of their lives, for these short races, has had an injurious effect on their stamina, and, consequently, on the stock bred from them. Formerly a horse was wanted for a lifetime, now he is cut up in his youth to answer the purpose of perhaps but one day—a system, we admit, quite at variance with the original object of horse-racing, which was intended to benefit the community, by being the means of producing, as well as displaying, the constitutional strength of the horse in its very highest perfection. Another cause may have operated in rendering thorough-bred horses less powerful than they were, or less capable of enduring severe fatigue. During the period of high weights and long courses, horses and mares were kept on in training until after they had arrived at the age of maturity, neither did they begin to work so soon: whereas now, no sooner have they won, or run well for some of our great three-year-old stakes, than they are put into the stud to produce racing stock, which is perhaps to be used much in the same manner as they themselves have been used, or, we should have rather said, abused. The amount of work which horses now get through at two years old is enormous. Lord Alfred, for instance, ran twenty-four races at this age, and won nine; and Clothworker won twenty-nine out of fifty-nine; and Rataplan thirty-eight

out of sixty-three races during two consecutive seasons. Zohrab, and Isaac, and Naworth, also retained their racing powers for seven or eight seasons ; and Alonzo, who began to race as a two-year-old in 1849, is still in good winning form in 1856.

But to return to the alleged alteration for the worse in the British race-horse. We admit the fact, that he is not generally so good at high weights over the Beacon at Newmarket, or any other four-mile course, as his predecessors were, whose descent was closer than his is to the blood of Herod and Eclipse, and the descendants of that cross, said to be the stoutest of any. Nevertheless, he is, in his present form, more generally adapted to the purposes to which the horse is applied. He has a shorter but more active stroke in his gallop than his predecessors had, which is more available to him in the short races of the present time than the deep rate of the four-milers of old times ; and as he is now required to start quickly, and to be on his legs, as the term is, in a few hundred yards, he is altogether a more lively active animal than formerly ; and, as such, a useful animal for more ends than one. In former days not one trained thorough-bred horse in fifty made a hunter. Indeed few sportsmen had the courage to try the experiment of making him one. He went more upon his shoulders, as well as with a straighter knee, than the modern race-horse does, and required much greater exertion in the rider to pull him together in his gallop. All those sportsmen, however, who remember such horses as the late Earl Grosvenor's John Bull and Alexander, must admit that in form and substance they were equal to carrying the heaviest weight across a country, and the last-mentioned

horse was the sire of several very powerful, at the same time very brilliant hunters. But as it is action, after all, that carries weight, the thorough-bred horses of this day are not deficient in that respect, unless undersized; and there are more thorough-bred hunters at this period, and have been more for the last thirty years, than were ever known before. This improvement in action also qualifies the full-bred horse for the road, whereas formerly not one in a hundred was fit to ride off turf.

"The Druid," in his new work, *The Post and the Paddock*, after mentioning that the late Lord George Bentinck had thirty-eight horses in training one season, and that his losses on his colt Farintosh, in stakes and forfeits alone, reached £3000, thus epitomizes the leading points of the turf as it is : — "Mr. Mostyn's winnings in stakes are said to have been about £22,500 in 1847, an amount which has, we believe, never been exceeded. In value the £6325 Derby of 1849 still keeps the lead ; while the £3378 which was taken at the Doncaster Grand Stand in Stockwell's year is said to be the largest sum of the kind on record. The subscribers to the above Derby numbered 237, and the luckiest of handicaps was the Chester cup of 1853, when 131 out of 216 horses accepted. This cup also brought out forty-three starters in 1852, which is more than have ever been seen at the starting-post in the memory of man before or since the handicap era—that inevitable result of railway facilities for 'getting a length' set in with such intensity. None of these 'great facts' bear date in 1855 ; but taking Wetherby's *Calendar* as our guide, we may characterize the turf of that year as a vast institute for sport, comprising 144 meetings in Great Britain and Ireland, which were attended by 1606 horses, of

whom only 680 were winners, fed by £60,000 of added money, inclusive of the value of cups and whips, and diffusing £198,000 in added money and stakes, ‘more or less.’”

SPEED OF THE RACE-HORSE.

All animals in a state of domestication exhibit powers far beyond those that are natural to them in their wild state, and writers on the horse have advanced to the utmost verge of possibility, in recording the maximum speed of the English race-horse. Most of the instances stated by them, such as Flying Childers having run a mile in a minute, are unsupported by authority, and therefore not worthy of regard. That the horse, however, has ever been considered the swiftest beast of the forest, may be gathered from the frequent allusions to his fleetness by inspired as well as by heathen writers. Thus, the chariot-horses of Oenomaus, King of Elis, were said to be begotten by the winds, emblematical of their prodigious swiftness ; and Homer represents the steeds of Achilles to be the produce of Zephyrus (the west wind, said to be the swiftest of any), and Podarge, whose name signifies speed. Nor is Virgil far behind the rest in his encomium on the fleetness of his colt, which he makes to challenge the very whirlwind itself. As it is speed, however, that wins the race, it is most essential to the race-horse, provided it be accompanied by stoutness ; and unless we wish to fly through the air like Pacolet on his wooden horse, we may be contented with the speed of the present English race-horse. One minute and forty-five seconds is considered first-rate time for a mile ; and the one mile six furlongs, and one

hundred and thirty-two yards, St. Leger course, is done, on the average, by three-year-olds, carrying 8 st. 7 lbs., in 3 minutes 20 seconds. West Australian's Ascot cup race, in 1854, when he ran the very severe $2\frac{1}{2}$ miles' course with 8 st. 5 lbs. in 4 minutes 27 seconds, is the best modern time we have.

EXPENSES OF A BREEDING RACING-STUD.

Some persons must be breeders of race-horses, but whether to profit or loss, depends on various circumstances. Amongst them may be reckoned the following :—Judgment in selecting the parent stock or blood; conveniences for keeping the produce well and warm, and on land suitable to breeding; and plenty of money at command to enable a breeder to purchase mares of the very best racing families, and to put them to the best of stallions. When this is the case, we think breeding (we mean quite distinct from risk in racing) would seldom fail to pay, if the foals were sold off at weaning time, or even at a year old. The price fetched by the two hundred blood yearlings, which are usually brought to the hammer in England, averaged, during the racing seasons of 1854-55, about 127 guineas, which is calculated for all prices, from 10 guineas to 1000 guineas, or in the case of Lord of the Hills, 1800 guineas. Within the fifteen months which preceded this remarkable (1855) sale at Doncaster, to Mr. S. Crawfurd, 1000 guineas, 1020 guineas, 1000 guineas, 1200 guineas, and 1400 guineas, were got for yearling colts in public and private; and 900 guineas and 810 guineas for yearling fillies. The average price at the royal sale of 1854 was 441 guineas for fourteen, many of whom were of the

Orlando blood, which fetches a higher price than any other we have. No doubt, in all studs, great loss is sustained by a certain proportion of the young stock which promise to be small and not worth training ; but here breeders are often deceived. For example, the late Lord Grosvenor sent Meteora, the best mare in England of her day, to Chester Fair, when two years old, to be sold for £16, because she was considered as too small ; and he also suffered Violante, the best four-mile racer of her day, to be sold, *untried*, for £50, but fortunately purchased her again. The great prices, however, occasionally paid to breeders for some horses (4000 guineas, for example, to the Earl of Jersey, for Mameluke, and 3500 guineas for Bay Middleton), make up for the loss inseparable from such as, by misshape, diminutive size, and casualties, are culled out, and sold for what they will fetch, which seldom amounts to much. Five thousand guineas was refused for Plenipo ; and the greatest price ever given for a race-horse was 6500 guineas for the two-year-old, Hobby Noble, in 1851. We may, however, cease to wonder at such prices, when we find that the Flying Dutchman won his owner nearly £20,000 in stakes alone, and that the winnings of himself and his half-brother, Van Tromp, who belonged to the same owner, amounted to nearly £34,000. Cotherstone won, at three years old, £12,765, West Australian, £10,975, and Surplice, £10,375.

COLOUR OF THE THOROUGH-BRED HORSE.

The prevailing colour of the thorough-bred horse is peculiarly elegant and chaste, being a bright bay, with black

mane and tail, and black legs to correspond, although occasionally relieved with a small white star on the forehead, or a white heel. It is remarkable that what may be termed vulgar colours, such as light sorrel, or dun, or brown with mealy muzzle, are very seldom met with in the thorough-bred horse ; and we know but one instance of the pie-bald, and very few roans.* Black is not common, nor approved of, although several of our best racers, almost all of the Trum-pator blood, have been of that colour. The real chestnut prevails a good deal, and is quite equal to the bay in the richness and brightness of its hues. Such was the colour of Eclipse ; and, as is the case with game-fowls, in the breeding of which there are instances of a reversion to the original colour, after fifteen descents, it is not uncommon for thorough-bred stock to be chestnuts, although got by a bay stallion out of a bay mare, or from a sire and dam of any other colour, provided the blood runs back to his, Eclipse's, source. Indeed, a small dark spot which that celebrated horse had on his quarter, has been frequently found in his descendants in the fifth or sixth generation. It is an old and trite saying, that "a good horse cannot be of a bad colour ;" nevertheless, colours of horses are, to a certain extent, indices of their physical powers. Such has proved to be the case with men ; and it was found in the ill-fated Russian campaign, that men of dark complexions and black hair bore the severity of the climate better than men of an opposite appearance to them. It is, however, rather a remarkable fact, that by far the greater number of eminent English prize-fighters have been men of light, not dark complexion. The ancients reckoned thirteen

* See "*The Cocker*," by W. Sketchley, Gent. London, 1814.

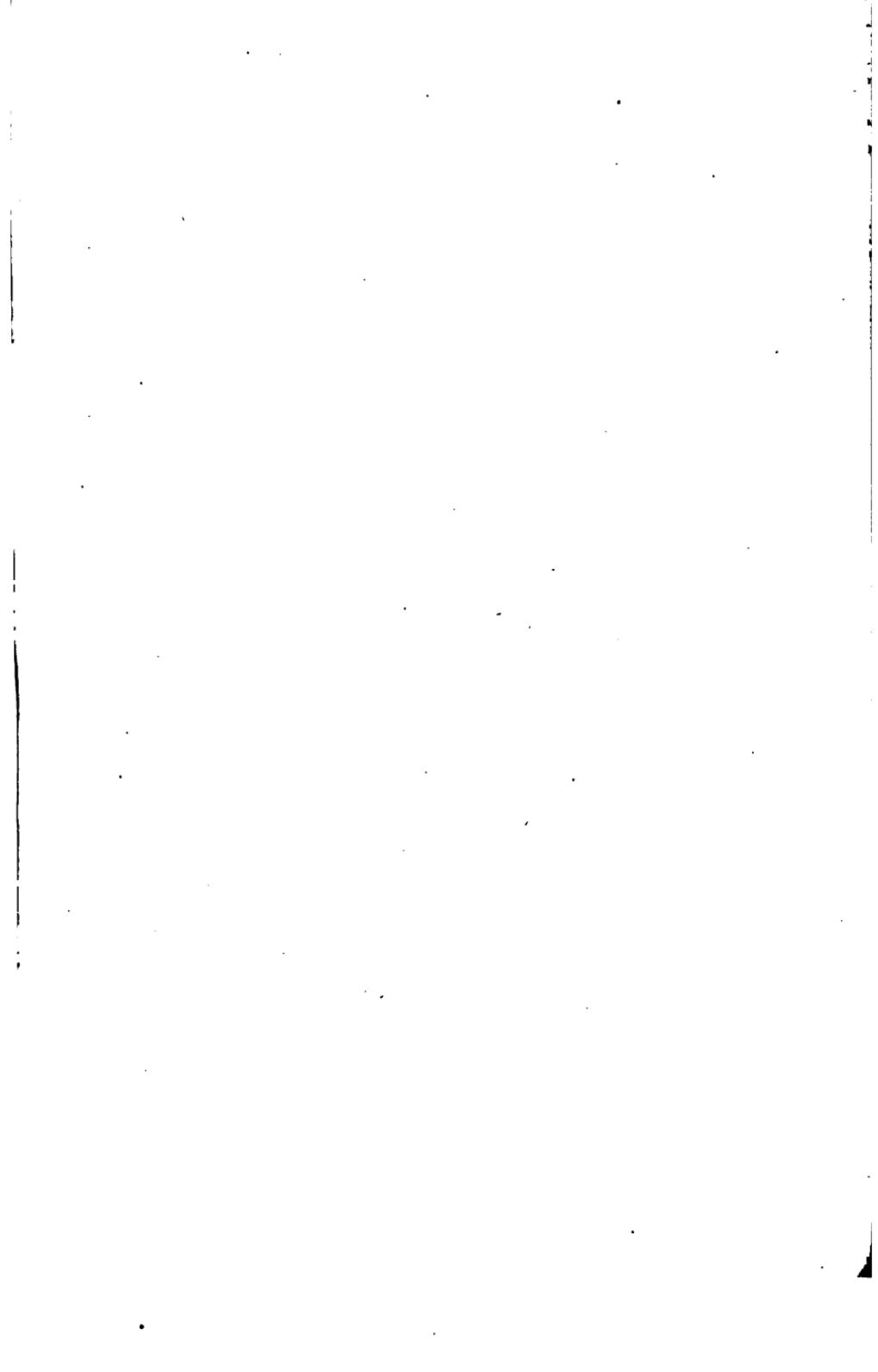
colours of horses, giving the preference to bay (badices) ; and the dark bay, or "Jersey bay," is still the favourite English colour, though foreigners prefer a "black brown."

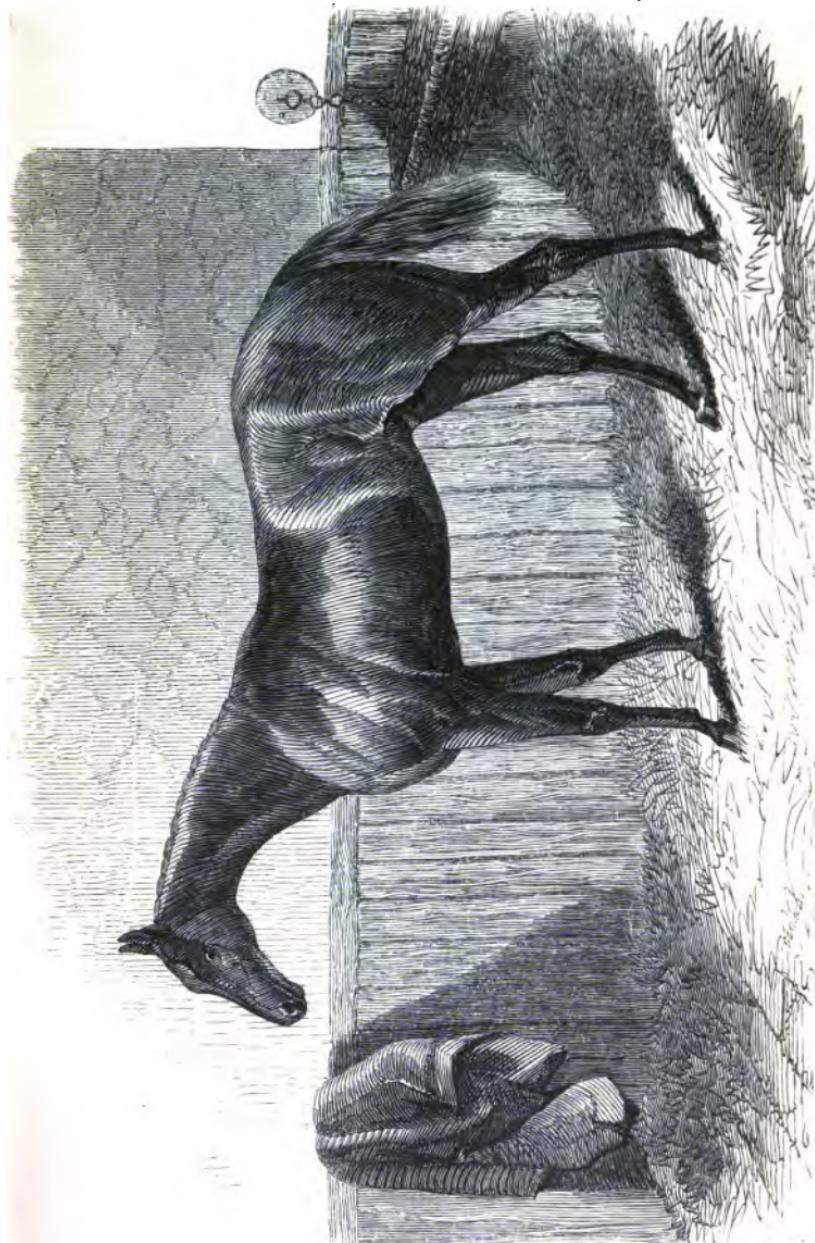
A second-rate description of racer was once very prevalent in England, known by the term "cock-tail," or *half-bred* horse, as he is called : but improperly so termed, because the stain in him is generally very slight indeed, and too often difficult to be traced. Many objections are raised by sportsmen, who are thorough racing men, and who wish well to the turf, against the cock-tail racer, and for very good reasons. In the first place, if really half-bred, he resembles the royal stamp upon base metal, for no half-bred horse is deserving the name of racer ; and, secondly, what are called half-bred stakes, some of which are very good, have been the cause of a great many frauds being committed, by bringing horses to run for them under false pedigrees, which will ever be the case, from the great difficulty of proving a horse to be thorough-bred, whose dam may have been purchased by accident, or in some clandestine way, and still perhaps of pure racing blood. An animal is produced against which no half-bred horse, in the proper acceptation of the term, has a chance, and he sweeps the country of all the good stakes ; and some such horses, (Habberley and Combat, for example) have proved themselves superior to many of the thorough-bred racers of their year. But the breeding of horses for these stakes is anything but beneficial to the country,—the great object of racing. It encourages a spurious race of animals, often possessing the faults of the blood horse without the strength and activity of the hunter, and it was for the latter description of horse that this stake was first intended. *Bona fide* hunters' stakes

would be advantageous, if *open to all horses* bringing certificates of their having been regularly hunted throughout a season, but not merely ridden by a boy to see a fox found, and giving no allowance to the horse called "half-bred." Let the best hunter win, which would encourage the breeding of strong thorough-bred horses, which make the best hunters of any ;—a fact no one who has ridden many of them will deny.

WEATHERBY'S GENERAL STUD-BOOK.

To assist in the detection of spurious blood, and the correction of inaccurate pedigrees, is the chief purpose of this excellent publication, now increased to a seventh volume, and forms a part of every sportsman's library ; but, unfortunately, many breeders who do not race are careless about entering their foals in it. "The Druid," in his recently quoted work, gives it as his opinion, that about 1550 blood mares annually bring 1150 foals to the birth in Great Britain. Taking 1851 as the basis of his calculations, he considers that about 1160 foals were born in that year, of which not 1100 were alive on the next new-year's day. Of these 574 ran in 1853, which number decreased in 1854 to 516, but in 1855 the remnant of that high-bred band only numbered 280.





THE HUNTER.

THE HUNTER.

THERE is no description of horse which could be applied to so many purposes, racing excepted, as the powerful English hunter. Setting aside his own peculiar services in the field, he is fit to carry a man on the road, in the field of battle, and he answers for every kind of draught. Indeed, we are inclined to believe no horse would equal him in ploughing ; and as for road-work in harness, either slow or fast, nothing could touch him, in a carriage properly suited to his powers. It is, however, no less true than singular, that out of a hundred sportsmen assembled at the meeting of a pack of fox-hounds, not half a dozen would be found mounted on horses which they themselves had bred. This arises from two causes : First, the greater part of them have not patience to await the arrival of a young horse at his best, and consequently sell the few they do breed, without giving them a fair trial ; and, secondly, such has, of late years, been the prejudice against riding mares in the hunting field, that they have been chiefly left in the hands of farmers and yeomen, who are become the principal breeders of English hunters. Neither do hunters find their road direct from the breeder to the studs of noblemen or gentlemen. They generally go through the hands of an inferior country dealer,

from whom they are bought by the principal London and country dealers, and sold by them to the sportsmen of the various hunts. There are, of course, exceptions to this proceeding. A great proportion of English yeomen and farmers are very excellent horsemen, and, as such, having the capability of making their young horses into hunters, and, distinguishing them by riding them afterwards with hounds, obtain now and then as high a price for them as they fetch after having passed through the hands we have described. It is, however, to be lamented that the last-mentioned description of persons, the breeders and trainers of young hunters, do not, for the most part, realize such large prices as the first, although fully entitled to it, as a reward for their trouble and skill.

It is impossible to lay down any precise rules for breeding hunters, so many collateral circumstances being necessary to be taken into consideration. For example, Pennant, in his *Zoology*, says, "Our race-horses are descended from Arabian stallions, and the genealogy faintly extends to the hunter." From this we learn the interesting fact, that a wonderful change, within the last sixty or seventy years, has taken place in the form and character of this sort of horse, inasmuch as, in the opinion of some of the first of our English sportsmen, and such as put the powers of the horse to the most severe test, the hunter of the present day is not in his perfect form unless quite thorough-bred. This part of the subject we shall discuss hereafter; but as there are several of our hunting counties not at all suited to this description of horse, the thorough-bred hunter, and a large portion of our sportsmen who, some by reason of their weight, and others from pre-

judice against them, neither can nor will ride them, we may safely assert, that not more than a twentieth part of English hunters are at this time of quite pure blood. We will; however, set forth what we consider the best properties of the full-bred and the half-bred hunter, as he is called, as also the most probable means of breeding each kind to advantage ; at the same time venturing an opinion, that, when their individual capabilities are put into the scale of excellence, the balance will incline to the former.

One great obstacle to the general success in breeding hunters is, not so much the difficulty of access to good stallions, but of making breeders believe that it would be their interest to send their mares to such as are good, although at an extra expense. Most rural districts, in other respects favourable to horse-breeding, swarm with covering stallions, the greater part of which have proved very bad racers ; but which, falling into the hands of persons who are popular characters in their neighbourhood, and covering at a low price, get most of the farmers' brood mares sent to them, their owners never reflecting, as they gaze upon these misshapen animals, that nature will not go out of her course to oblige them, but that, in the animal creation, "like begets like." Neither does the evil stop here. So much is this made a matter of chance instead of one of judgment, should the produce of a mare sent to one of these bad stallions be a filly foal, and she proves so defective in shape and action, as to be unsaleable at a remunerating price, she remains the property of her breeder, and in time becomes herself a brood-mare. What, then, can be expected from such produce ? Why, unless chance steps in and supplies the defect of judg-

ment, in the first instance, admitting that she is sent to a better stallion than her sire was, by the procreative powers of the male so far exceeding those of the female, as to produce a foal free from the defects of the dam, another shapeless, unprofitable animal is produced. Nevertheless, in the course of time, perhaps this produce, if a female, however bad she may prove, is also bred from, and thus a succession of shapeless horses is produced, to the certain loss of the breeder, and much to the injury of the community. Under the most favourable circumstances, and with the aid of good judgment, we cannot consider horse-breeding to be a certain source of gain; yet there are many inducements to try it as one branch of rural economics. The money goes out a little at a time, or by degrees, and therefore it is suitable to such occupiers of land as cannot embark in more extensive speculations, and it returns in a lump, oftentimes at a most welcome moment, and, in many instances, of sufficient amount to render the average of former less profitable years sufficient to cover expenses, if not to leave a profit. There is likewise another inducement to breeding horses; we mean the interest inseparable from all human speculations, from which more than an ordinary return may be looked for, which is the case here; added to the nearly universal interest attached to the breeding and rearing of every species of domestic animals.

With respect to brood-mares designed for breeding hunters, we admit that circumstances, not always within control, have their weight. An occupier of land is possessed of a mare or two which he thinks *may* breed hunters, and having them, it may not be convenient to him to replace

them by those which might be more likely to breed good ones. But the choice of a stallion is always within his control, and he should not spare trouble, and moderately increased price, in his selection. It is well known to all hunting men, that the stock of certain horses have been remarkable for making good hunters (President, Belzoni, and Sir Harry Dimsdale, for instance), and that there are such horses always to be found, on seeking for them. A few pounds extra, laid out by the breeder in putting his mares to such horses, were sure to be amply repaid ; for the produce would be generally sought after and purchased, even previously to their being tried. Englishmen know of no such restrictions, nor do we wish they ever should ; but the interference of the governments of several European states as to stallions for the use of their respective countries, reads us a useful lesson on this head ; for it is well known, on the other hand, that a great number of stallions to which English hunting mares have been put, have been equally remarkable for begetting soft infirm stock, quite unequal to endure, for any length of time, the severe work of a hunter. It should also be borne in mind, that even a first-rate racer may not be a propagator of first-rate hunters. The former is called upon to exert his powers on very different grounds and under very different weight to the latter, and the action which may suit one may not suit the other. This accounts for the stock of certain thorough-bred horses, which were very indifferent racers, proving very excellent hunters. We have already given it as our opinion, that a cross of Arabian blood is a great desideratum in that of an English hunter, and we need not urge this point farther ; but if breeders would reflect, that

the expenses of rearing a bad colt equal those of rearing a good one, they would attend more than they do to the following nearly unerring directions :—

First, Observe similarity of shape in horse and mare. As length of frame is indispensable in a hunter, if the mare be short, seek for a stallion likely to give her length. Again, if the mare be high on her legs, put her to a short-legged stallion, and *vice versa*; for it is possible that even a hunter's legs may be too short, a racer's certainly may be. In fact, to form a complete hunter, it is necessary he should be more perfect in his shape than a racer, which will admit of imperfections that would quite disqualify the other.

Secondly, Look to constitution. As no description of horse endures the long-continued exertion that a hunter does, this is a point to be attended to. But it may be overdone. Horses of a very hard nature, very closely ribbed up, consequently great feeders, with large carcasses, seldom make the sort of brilliant hunter now the fashion in England. Besides, one of this description requires so much work to keep him in place and in wind, that his legs must suffer, and often give way when his constitution is just in its prime. Horses with moderately sized carcasses last longest; and, provided they are good feeders, will come out quite as often as they ought to do, and are invariably good winded and brilliant, if well-bred and of good form, with a few other requisites.

Thirdly, and lastly, Let the breeder of any kind of horse be careful in avoiding either sire or dam that has proved constitutionally infirm. As has been already shown on very high authority, perfect or defective conformation is not more

likely to be the result of a proper selection of horse and mare, than disease to be inherited from parents that have been constitutionally diseased. We could name stallions whose stock have been blind ; others afflicted with splints, curbs, and spavins, and a mare which produced three roarers by three different sires. But it may be said, that splints, curbs, and spavins, are the result of malformation of the parts. Granted ; but avoid all such malformation, which is quite apparent to the eye in a breeding stud. It may perhaps be carrying this objection too far were we to say we would not breed from a mare or horse, which had become groggy or lame in the feet, from diseased navicular joints. Had the feet been more vigorously constituted, perhaps such lameness might not have occurred ; yet it is but too probable that here the predisposing cause may be traced to over-severe treatment, and not to constitutional defect. The choice of sires is by no means limited, as there are about 300 blood sires in the United Kingdom, at the service of the public, at all prices for blood mares, from 50 guineas to 2 guineas, or even gratis, if the mare is the dam of a winner. Birdcatcher (whose winners number 148), Touchstone, Melbourne, and Bay Middleton, are at the head of the senior division, and Touchstone has no less than 26 of his stock, headed by Orlando, at the stud. Beeswing was very successful as a brood-mare ; but the same cannot be said of many very high-class mares who have worked hard for some seasons on the Turf. Barbelle, the dam of the Flying Dutchman and Van Tromp, left the turf early, and the dam of Alice Hawthorne and Rebecca never had a bridle on.

Next in importance to the judicious selection of sire and

dam, is the rearing of the colt which it is intended should make a hunter. It was the remark of a gentleman who kept fox-hounds more than half a century, that "great part of the goodness of a horse goes in at his mouth ;" and nothing is more true. Nimrod, in his *Letters on the Condition of Hunters* (p. 223, first edition), says, "It is my confirmed opinion, that unless a colt be what is called 'deformed,' it is in the power of good keep, exercise, and physic, to make him what is termed 'a fine horse,' and one which will sell for a large price, either for harness or the saddle. No one who has not witnessed it, is aware of the improvement in shoulders, thighs, gaskins, etc., from good old oats, accompanied by regular work and proper riding." Breeders of hunters may be assured that such is the case ; and that it is of little use to breed colts with the expectation of their making first-rate horses, unless they keep them *very well* in their colthood. They should also be treated *as horses* at a very early age. They should be ridden gently, and by a light man, or boy, with good hands, at three years old, across rough ground, and over small fences ; and at four they should be shown hounds ; but they should only follow them at a distance, and after the fences are broken down ; for, if put to take large leaps at that tender age, they are apt to get alarmed, and never make first-rate fencers afterwards. Above all things, avoid getting them into boggy ditches, or riding them at brooks ; but they should be practised at leaping small ditches, if with water in them the better, in the middle of a field, the rider putting them at them in rather a brisk gallop. This gives them confidence, and, the natural result, courage. With respect to the use of the bar, and teaching colts to

leap standing over it, the practice is now condemned, and the system of letting them become timber jumpers, by taking it, as it comes, in crossing a country, is preferred, the present rate of hounds not admitting of the time occupied in a standing leap.

Some sportsmen adopt, and we believe with good effect, what is termed the "circular bar." Every description of fence that a hunter is likely to meet with, is placed within a prescribed circle of ground, and in this is the colt lodged, the man who holds him standing upon a stage in the centre. As another man follows him with a whip, he is forced to take his fences at a certain pace ; and, in a very short time, a good-tempered colt will take them with apparent pleasure.

At five years old it is customary to consider a horse as a hunter ; but we are inclined to demur here. It is true, that if a colt has been very well kept, on the hard-meat system, he is enabled to go through a good day's work with hounds at five years old, being quite equal to a six-year old which has been kept on soft food, and not sufficiently forced by corn ; yet it is always attended with danger of injury to his joints and sinews, if not to his general constitution ; and we cannot pronounce a horse to be a hunter until he has passed his fifth year. As muscular action, however, produces muscular growth, he should not be kept in idleness during his fifth year, but should be ridden to cover, or with harriers, before Christmas ; and when the ground gets dry and light in the spring, a good burst with fox-hounds may not do him harm. We do not, however, consider any five-year old horse fitting or safe to carry a gentleman over a country, as he cannot be sufficiently experienced to take a straight line.

We have known some masters of fox-hounds who have preferred purchasing yearling colts, or weanlings, at Michaelmas, to breeding them for their own use.

There are undoubtedly certain advantages attending purchasing yearly colts, with the view of making hunters of them. Such only may be selected as appear calculated for the country they are intended to cross, and the weights they will be called upon to carry ; whereas, were the master of hounds to depend on the produce of his own mares, he might be disappointed in being able to select the number he would require to replace, in due time, the vacancies which occurred annually in his stud. We should consider the sum of 35 or 40 guineas for a good colt, at weaning time, a fair remuneration to the breeder, and well laid out by the purchaser.

Previously to giving directions for the purchase of a full-grown hunter, we shall proceed to exhibit him in his highest form, although we are aware of the difficulty, on certain subjects, of conveying, clearly, an idea from our own mind to that of another. We shall, however, endeavour to make ourselves understood by describing each individual point. As to the form and shape of a hunter's head, as we do not ride upon it, it is not of much consequence, provided it be well hung on ; and that is of the very highest importance, not only, as we have shown in the race-horse, on account of his respiration or wind, but unless it be so, he cannot be pleasant to ride. Not only must his jaws be wide, but when we consider that the head of a horse hangs in a slanting position from the extremity of the neck, and that the neck itself projects a considerable distance from the chest, on the muscular strength and proper formation of the neck must also depend

whether a horse be light or heavy in hand, and consequently pleasant or unpleasant to ride. A weak or loose neck may not be so material, as we have before observed, to the race-horse ; he is generally ridden in a martingal, and in that case always ; add to which, his race is soon run. Nevertheless, we like to see the neck of the race-horse rise out of the shoulder with a tapering curve, in which case he is pleasant to ride in his gallop, and, if a hard puller, his jockey has much more power over him than if his neck were loose and low. But, in a hunter, the proper position of his head is a *point of the greatest moment*, as without it his rider cannot handle him properly at his fences ; and if he be not a regular star-gazer, he is always dangerous to ride over a country. The proper junction of the head with the neck, and the carrying of it well or ill, depend chiefly on two particular muscles contained in the neck. The most important of these is called the splenius muscle, which constitutes the principal bulk of the neck above, and its action is sufficiently evident, namely, very powerfully to elevate the head and neck. The principal beauty of the neck, indeed, as well as the carriage of the head, depends on this muscle ; and its ample development is a point the sportsman should attend to in the choice of horses that are to carry him with hounds. A certain degree of muscularity of the neck is absolutely necessary in a hunter, and it is greatly promoted by good keep in colthood ; also by delaying the period of castration till the second year, which should invariably be done, when the want of this muscularity is apparent in the first. It must, however, be observed, that there is a medium in this muscularity of the neck, although 'excess is the better extreme of the two ;

for when the neck of a horse appears, like that of a sheep, to rise out of the chest, and so far from being arched above, and straight below, is hollowed above, and projects below, such a horse is nearly worthless for any pleasurable purpose, as his head cannot, by any means whatever, be got into a proper place.

It has been said that a horse with a long neck will bear heavy on the hand. We do not believe that either the length of the neck, or even the bulk of the head, has any influence in causing this. They are both counterbalanced by the power of the ligament of the neck. The *setting on* of the head is most of all connected with heavy bearing on the hand ; and a short-necked horse will bear heavily, because, from the thickness of the lower part of the neck consequent on its shortness, the head cannot be rightly placed. The head and neck, however, should be proportioned to each other. A short head on a long neck, or a long head on a short neck, would equally offend the eye.

Although length of neck in a hunter is not desirable, length of shoulder is indispensable. Horses have raced well with short upright shoulders ; but it is impossible that one so formed, however good he may be in his nature, or even in his general action, can be a safe hunter, and for this reason : A hunter is constantly subject—by down-hill leaps, leaping into soft ground, and getting his fore-legs into grips or un-sound ground—to have the centre of gravity thrown forward beyond the base of his legs ; and it is more or less recoverable according to the length or shortness of his shoulder. By length of shoulder is meant obliquity of the scapula or shoulder-bone, by which the point of the shoulder is pro-

jected forward, and which, added to the obliquity of the scapula, enables the rider to sit considerably behind, instead of nearly over the fore-legs or pillars of support, which, on a short and upright-shouldered horse, he must do. One remark, however, must be made respecting the oblique shoulder. It is sometimes not sufficiently supplied with muscle, with which the upright shoulder generally abounds. We therefore recommend purchasers of young horses for hunters to give the preference to what may *appear* coarse shoulders, nay, even inclined to be somewhat round or flat on the withers, provided they are accompanied by the necessary and absolutely essential obliquity of the shoulder-bones.

The setting on of the arm—which should be strong, muscular, and long—is of much importance to a hunter. By the length of this part in the hare, as we have already observed, added to the obliquity of her shoulder, she can extend her fore-parts farther than any animal of her size; in fact she strikes nearly as far as the greyhound that pursues her, by the help of this lever. The proper position of the arm, however, is the result of an oblique shoulder. When issuing out of an upright shoulder, the elbow joint, the centre of motion here, will be inclined inward; the horse will be what is termed “in at his elbows,” which causes his legs to fall powerless behind his body, and he is seldom able to go well in deep ground. There are exceptions, but they are rare. A full and swelling fore-arm is one of the most valuable points in a horse, for whatsoever purposes he may be required; and although we have occasionally seen hunters with light thighs carry weight well, we never have seen it so carried by horses deficient in their arms.

If sportsmen were to see the knee of the horse dissected, they would pay more attention to the form and substance of it than they generally do. It is a very complicated joint, but so beautifully constructed that it is seldom subject to internal injury. Its width and breadth, however, when considerable, are great recommendations to hunters, as admitting space for the attachment of muscles, and for the accumulation of ligamentous expansions and bands greatly conducive to strength. Below the knee is a point on which we will not say much here, as we have already alluded to it in our remarks on the race-horse ; we mean the shank or cannon bone, and its appendages. It can scarcely be too short in a horse that has to carry a heavy man ; round legs are almost sure to fail ; those of the hunter should be flat, with the back sinews strong and well braced. This constitutes what sportsmen call a "wiry leg."

The fetlock is also a complicated joint, and very liable to injury. In a hunter it should be large and strong. But, as regards his action, the pastern is still more material, and also to his standing sound. Very few horses with short pasterns can go well in deep ground, and for this obvious reason : The action of the joint is destroyed by getting below the surface of the ground, and is of course sooner immersed than when it is longer. But a greater evil than this attends a short pastern ; it is the predisposing cause of navicular lameness, particularly in horses carrying weight, owing to the foot being deprived of that elasticity which a longer pastern affords, and which consequently relieves the concussion on the foot coming to the ground in galloping and leaping, as well as on the hard road. Horses with short, and conse-

quently upright pasterns, cannot be pleasant to ride, and they seldom stand many seasons' work. Excess in either should be avoided, but of the two a hunter is less objectionable from the extreme of length than of shortness in this most material part.

That the foot of the hunter should be wide, and not low or weak at the heel, is also obvious to the meanest capacity, independent of its being the form most conducive to health. The nature of the ground he has to travel over requires at times the widest base he can present to it as a foundation for his great bulk, and thus the farmer carries out his manure upon tender land in a broad cart. Xenophon relates that certain people of Asia were accustomed, when snow lay deep, to draw socks over the feet of their horses, to prevent them sinking in it up to their bellies ; and we know why an ox sinks less in soft ground than a horse does. It is because his foot enters it expanded, by means of the division of the claws, and when he draws it out it is contracted. The foot of the hunter, however, should not be too wide, or it may operate against his speed.

The position of the fore-legs of the hunter admits of more latitude than that of his hinder ones, or indeed of any other part of his frame. We have seen brilliant hunters standing in all positions and postures as regards their fore-legs. Some very much over the knees, that is, with the knees bent and projecting outward ; many upon very twisted fetlocks, turning the toes out ; and a few, though only a few, turning the toes in. In the human frame, a certain squareness in the position of the feet is consistent with strength, as we see in the statues of Hercules, but the lightness of a Mercury is

indicated by the direction of the toe outwards. This is to a certain extent the case with the horse. Although, if measured by the standard of perfection, his toe is required to be in a direct line with the point of the shoulder, yet we have seen and heard of some of the speediest and best racers and hunters, the position of whose fore-feet have deviated considerably from this supposed essential line ; but the inclination of the toe outwards is so common in horses used for these purposes, that it can scarcely be called a fault. Indeed, some persons argue that a leg so placed affords a broader base to the superincumbent weight than when quite in a line with the shoulder, that is, provided the twist arises from the fetlock, and not from the setting on of the arm. Be this as it may, we are well assured that, provided the hinder legs and quarters are good, a hunter will admit of a considerable deviation from the true line in the fore-legs, and carry his rider brilliantly. It is well known that a much more twisted fore-legged horse could not well be seen than the celebrated Clipper, for many years said to be the most brilliant hunter in Leicestershire ; and one of the best hunter-sires in Shropshire had this deformity.

But there is one portion of the fore-quarters of the hunter to which a rule must be applied that will not admit of an exception : he must be deep in his chest or brisket, that is, from the top of the withers to the elbow. Numerous are the narrow, but deep horses, in their "girth," as the term is, that have carried heavy weights in the first style with hounds ; but no matter how wide a horse may be, if he have not depth he cannot carry weight, and is very seldom a good-winded horse, even under a light man. One of the

greatest compliments, then, that can be paid to a hunter at first sight is, that he appears two inches lower than he really is. Such, however, is the case with horses whose growth has been forced in their bodies by good keep when young, and thus they come under the denomination of "short-legged horses," so much esteemed by hard riders. They are likewise, for the most part, better leapers than such as have less growth in the body and stand upon longer legs.

We have before observed, when speaking of the race-horse, that large bone is not required in his cannon or shank (the part from knee to fetlock), neither is it in the hunter. The real power of all animals is in the muscles, sinews, and tendons; and the leg best calculated to carry weight and endure to a good old age is that in which the bone is small, but of a dense and perfect texture, and in which three convexities can be very plainly distinguished, namely, the bone, the elastic ligament behind the bone, called the sinew, and behind that, the *flexor tendons, large, round, and strong*. The rare combination of strength with lightness is here beautifully displayed, and is one of the many instances which might be produced to show how nature delights to work with the least possible expense of materials.

The hunter should have length in his shoulders and quarters, and to a certain extent also in his back. It is true that horses with short backs carry weight best up a steep hill, which, as that is the worst method in which this animal can employ his strength (in man it is the best), shows that heavy men should ride short-backed horses. For hunters, however, that are ridden in our best hunting countries, which, previously to being laid down in grass, were thrown up by the

plough into high ridges, with deep furrows, must have moderate length of back, or they cannot go smoothly over such ground. Good loins, with width of haunch (the *vis a tergo* being so necessary in leaping as well as galloping on soft ground), need scarcely be insisted upon ; and we now proceed to the hinder-legs, the proper or improper form of which makes the difference between a good or bad hunter, if a horse with badly formed hinder-legs can be called a hunter at all. But a horse with short, straight, and weak thighs, cannot make a *good* hunter. Even admitting that they are not weak, but short and straight, yet the objection remains, because he cannot, in the latter case, be pulled together in his gallop, nor have his stride collected to enable him to take his fences properly ; and, what is not generally known, he is almost certain to be a hard puller. Indeed, some good judges go so far as to assert that horses with straight hinder legs never have good mouths, and there is much truth in the remark, as their form will not admit of their being "pulled together," as the horseman's term is, in their quick paces, and without it no horse is safe. A long and muscular thigh, then, with a clean well-placed hock, is one of the most material points in a hunter, and also one by which the duration of his services may very nearly be measured ; as when much out of the true form, either inclining inwards, like the cow, or outwards, like the bandy-legged man, disease is almost certain to attack this very complicated but beautifully contrived joint, when put to severe exertion, especially in soft ground. The bone of the hinder leg, below the hock, ought to be equally well supported by sinews and tendons with that of the fore-leg ; and the pastern of the hind-leg should

resemble that of the fore-leg, moderately long, strong, and oblique.

But such is the paramount importance of the hock in the hunter, that we transcribe the following admirable description of one most material point in it (from part ix. of *The Horse*, Farmer's series, p. 272) :—"The most powerful of the flexor or bending muscles are inserted into the point of the hock or the extremity of the *os calcis*; and in proportion to the projection of the hock, or, in other words, the length of this bone, will two purposes be effected,—the line of direction will be more advantageous, for it will be nearer to a perpendicular; and the arm of the lever to which the power is applied will be lengthened, and mechanical advantage will be gained to an almost incredible extent. Suppose this bone of the hock to be three inches in length, the joint formed by the *tibia* and the *astragalus* is evidently the centre of motion, and the weight concentrated about the middle of the shank is the obstacle to be overcome. If the weight be four times as far from the centre of motion as the power, a force equal to four times the weight would raise it. It is however, here to be remembered, that it is not merely the weight of the leg which is to be raised, but the weight of the horse, for the time resting upon the leg, and that weight to be propelled or driven forward. At what shall we calculate this? We may fairly suppose that the muscles, whose tendons are inserted into the point of the hock, exert an energy equal to 4000 lb. Let us further suppose that an inch is added to the point of the hock, which will be an addition of one third to its length; a muscular power of less than 3000 lb. will now effect the same purpose. The slightest lengthening, therefore, of the

point of the hock will make an exceedingly great difference in the muscular energy by which the joint is moved, and a difference that will wonderfully tell in a long day's work. On this account, the depth of the hock, or the length of the bone of which we are speaking, is a point of the greatest importance. There is, however, a limit to this. In proportion to the length of this bone, must be the space which it passes over, in order sufficiently to bend the limb; and in that proportion must be the contraction of the muscle, and consequently the length of the muscle, that it may be enabled thus to contract; and, therefore, if this bone were inordinately lengthened, there would require a depth of quarter which would amount to deformity. A hock of this advantageous length is, however, rarely or never met with; and it is received among the golden rules in judging of the horse, that this bone of the hock cannot be too long.

Hunters which carry very heavy men cannot excel in the field, unless they exhibit those just proportions in their limbs and all the moving levers necessary to produce full liberty of action, but not too long a stride. Well placed hinder legs, with wide hips, well spread gaskins, and great depth of chest, are essentials, and as much of the *vis a tergo* as is consistent with a not unsightly back, commonly called "hog-backed." Well-knit joints, short cannon bone, moderately oblique pasterns, with rather large feet, are not only points from which great physical powers may be expected, but they are necessary to the duration of them in the horse we are now alluding to. As, however, it is an axiom in the animal creation that the parts which add to strength diminish swiftness, hunters to carry more than 16 st. well with

hounds, at the pace they now run, are always difficult to be procured, and ought to command good prices. The stamp of animal most approved of for this purpose is the short-legged, thick, but well-bred horse, not exceeding 16 hands in height, but appearing to the eye half a hand below that standard. As for his general appearance, it is "handsome is that handsome does," in this case ; and we must not look for beauty in all his points.

Having now described each individual external part of the horse essential to his being a good hunter, we shall, in a few words, exhibit him to the reader's view in what we consider his best form. He should have a light head, well put on, with a firm, but not a long neck ; lengthy, and consequently oblique shoulders, with very capacious chest, and great depth of girth ; a long, muscular fore-arm, coming well out of the shoulder, the elbow parallel with the body, neither inclining inward nor outward ; a short cannon or shank, with large tendons and sinews, forming a flat, not round leg ; an oblique pastern, rather long than short, and an open circular foot ; the back of moderate length, with well-developed loins and fillets, and deep ribs, making what is termed by sportsmen a good "spur-place." From the loins to the setting on of the tail, the line should be carried on almost straight, or rounded only in a very slight degree. Thus the haunch will be most oblique, and will produce a corresponding obliquity in the thigh-bone, which formation is peculiarly characteristic of the well-bred horse. The dock of the tail should be large, the buttocks close together, and the fundament small, and somewhat resembling the front or eye of the pippin apple. The thighs should be muscular and long,

rather inclining inwards, with large lean hocks, the points appearing to stand somewhat behind the body, which will bring the lower part of the hind-leg, or shank under it. The shank, fetlock, and pastern of the hinder-leg, should exactly resemble those of the fore-leg, as also should the foot. The legs should appear short, from the great depth of chest, and well-proportioned substance of the body, or middle-piece.

The stature of the horse is no more absolutely fixed than that of the human body, but a medium height is considered as best for a hunter, say 15 hands, two or three inches. For one good horse over this height, there are a hundred under it. In fact, there are, in the operations of nature as well as of art, limits which they cannot surpass in magnitude, and no very large animal has strength in proportion to its size. That the horse has not, the pony affords proof, if any other were wanting. Even the heaviest weights find horses about the height we have fixed upon best calculated to carry them. There have been many extraordinary instances of horses, little more than 14 hands high, being equal to the speed of hounds over the strongest counties in England, for example, Mr. William Coke's "Pony," as he was called, many years celebrated in Leicestershire, and Mr. Green's "Piccolo;" but they are not pleasant to ride, by reason of the fences, when high, appearing higher to the rider than when he is mounted on a taller horse.

Temper and mouth are essential points in a hunter. The former adds much to his value, not only as it contributes to the pleasure and safety of his rider, but a horse of a placid temper saves himself much in a long day's work with hounds, and especially when there is much leaping. Indeed, fretful

horses are proverbially soft, and not generally to be depended upon at a pinch, which caused Shakspeare to make them the symbol of false friends. Thus Julius Cæsar exclaims,

“ Hollow men, like horses, not at hand,
Make gallant show, and *promise* of their mettle ;
But when they should endure the bloody spur,
They fall their crest, and, like deceitful jades,
Sink in the trial.”

A hunter should have courage, but nothing more, to make him what he is required to be, namely, not afraid to leap at any fence his rider thinks proper to put him at. His mouth will depend upon two things ; first, upon the judgment of the person who breaks him in, in his colthood, and, secondly, upon the position of his hinder legs, but chiefly upon the first. It ought to be endowed with so great sensibility, that the slightest motion of the bit should give him warning, and direct his course, which is significantly implied by Horace, when he said, “the ear of a horse lies in his bridle.” It is true, that what we call the “mouth” of a horse, is an artificial feature, at all events, a figurative term for his being easily acted upon by the bridle ; but it is a point of the utmost importance in a hunter. Without it, in short, he is absolutely dangerous to ride ; for although the skill and power of his rider may prevent his running away, yet he is always in danger of being placed in some unpleasant situation or other by him. In the first place, he cannot be a large fencer, nor safe at all sorts of leaps, if he will not suffer his rider to pull him together, to collect him for the effort of rising at them. Secondly, he is as dangerous in going through gates only partly opened. Thirdly, if the

horse immediately before him should fall at a leap, he is very apt to leap upon him, or his rider; and, lastly, his strength is sooner exhausted than that of a horse, perhaps not naturally so good, which is going quietly, and within himself, by his side.

No doubt many of the ancient writers were good judges of horses, although they were deficient, compared with the moderns, in availing themselves of their highest capabilities. Were a purchaser of a hunter to look no further than the first chapter of Xenophon *περὶ ἵππων*, he would find hints that would be well worthy his attention; and nothing can be more expressive of the evils attending a bad mouth, in a horse of this description, than the following sentence from Pliny: "Equi sine frenis deformis ipse cursus, rigid cervice, et extento capite, currentium," which may be thus translated:—The career of a horse without a bridle is disagreeable, carrying his neck stiff, and his nose in the air. When we consider how often it is necessary to pull up, or to turn a horse very short in crossing inclosed countries, the value, even on the score of comfort, of a good mouth cannot be too highly appreciated by the sportsman.

We now come to the action of the hunter, which, after all, is the main consideration. He should have energy in all his paces, but he may have too much of what is generally called action. Nothing conveys to us a better idea of that which is adapted to his business, than the concluding sentence of a huntsman of former days, when describing to his master a capital run with his hounds. "The old mare," said he, "*carried me like oil.*" The action of the hunter should be *smooth*, or it will not last. His stride in his

gallop should be rather long than otherwise, provided he brings his hinder legs well under his body ; and the movement of the fore-legs should be round, but by no means high. Above all things, there should be no "*dwelling*," as it is called, in the limb, coming to the ground ; a great obstacle to speed, but often the accompaniment of excessive action in the fore-legs. But the test of action in the hunter, is in what sportsmen call "*dirt*," that is, in soft, tender ground, or when passing over such as appears dry on the surface, but is not sufficiently so to bear his weight. It is not exactly in the power of the best judges to determine whence this peculiar excellence, which some horses possess over others apparently well proportioned, arises, for which reason the eye should never be depended upon in the selection of horses for the field. Wisdom here can only be the produce of experience ; and many sportsmen have paid dear for it on this particular point. In fact, nothing next to ascending steep hills under great weights, puts the physical powers of a horse to so severe a test as carrying a heavy man, at a quick rate, over a country that sinks under him at every step. Mere strength alone will not do it. It must be the result of a combination of strength with agility, good wind, and speed, to produce which the most perfect arrangement of the acting parts, although the exact symmetry and proportion of them may not be exactly discernible to the eye, are requisite, and, we may be assured, are present. As the beauty of all forms is, in great part, subordinate to their utility, a horse of this description, that is, one which can carry sixteen stone well up to hounds in any or in all countries, at the rate they now run, not only, as has before been observed, commands a very

high price, but, to a person who loves to study nature, presents a feast to the eye.

A hunter should be what is called very quick as well as very fast ; by which is implied, that he should not only have great speed, but that he should be very quick in regaining his speed after taking his leap, or being pulled up from any other cause. One so gifted will cross a country, especially a close one, in less time than one that is more speedy, but not so "quick on his legs," as jockeys term it. It is also very agreeable that a hunter should be safe in his slow paces on the road ; and, if a fast trotter, he relieves himself by changing the action of the muscles, when the pace of hounds so far abates as to allow him to break into a trot.

LEAPING.

One of the greatest accomplishments in a hunter is being a perfect and safe leaper. The situation of a sportsman riding a horse that is "uncertain," as the term is, at his fences, may be compared with that of the philosopher whom Cicero describes in his Tusculan Questions (5, c. 21) as seated on the throne of Dionysius, gazing upon the wealth and splendour that surrounded him, with a naked sword suspended over his head by a single thread. But a horse following hounds often leaps under very great disadvantages, which accounts for the numerous falls sportsmen get. Putting aside the labour of rising from the ground, which, to the horse, with a weight on his back, must be great, from the earth's attraction and the body's gravity, he has often to take his spring without any fixed point for support ; whereas, in

most other cases, leaping takes place on a fixed surface, which possesses the power of resistance in consequence of its firmness. Nevertheless, although the surface yield to a certain degree, leaping can still be performed, notwithstanding the retrograde motion of the surface produces a great diminution in the velocity of the leap, compared with that which is made from firm ground ; and the velocity is always greater in proportion as the resistance is perfect. Thus it is, that we find horses able to cover much greater obstacles in Leicestershire, and the other grass counties, where the taking off for the leap is generally good and sound, than they can cover in ploughed and marshy districts, where they have not that advantage, from the less firm state of the soil. We shall now endeavour to point out the form most likely to constitute a good leaper.

The very worm that crawls on the ground first carries its contraction from the hinder parts, in order to throw its fore parts forward ; and it is chiefly from the *vis a tergo*, or strength of back, and hinder quarters, that the power of leaping in a horse is derived. It must, however, be admitted that oblique shoulders give him a great advantage, by enabling him to extend his fore-quarters ; but if his loins be loose and weak, and his hinder-legs ill placed, with weak hocks, he cannot make, in any one's hands, a safe and perfect leaper. But the position of his head has something to do with it. A plank placed in equilibrio cannot rise at one end unless it sinks at the other ; and although a horse in light harness cannot, for appearance sake, carry his head too high, provided he be obedient to the rein, the hunter should carry his low. A colt, running wild, never raises his head when he leaps,

but rather lowers it, and so should the hunter ; and he is always less liable to fall in galloping over a country when he carries his head low ; likewise, in horses with lengthy shoulders, the seat of the rider is rather benefited than injured by it.

The sort of fence that stops hunters more than any other description of obstacle, is a wide brook ; and, like all other wide places, it takes a good deal out of him, if he clears it. Lengthy horses are the best brook-jumpers ; but they require good loins and hinder quarters as well, and, above all things, *courage*. Unless a horse takes a wide brook in his stroke, he is almost sure to be in it ; for which reason he is generally ridden fast at it, and, for the most part, not allowed to see it till he comes close to it. Immense space has been covered by horses when jumping brooks, particularly when there has been a difference of elevation of the banks in favour of the horse. We have heard of thirty feet and upwards from hind foot to hind foot ; but half that space *in water* is considered a good brook, and even if the banks are sound, stops a great part of the field. When unsound, it requires a horse coming under the denomination of a “good brook-jumper” to clear it without a fall, and particularly if towards the end of a run.

To be a good *timber-leaper* is a great desideratum in a hunter, although many horses are great *timber-leapers*, but, from their form, can never make good hunters. It only requires a short-backed truss-horse for this purpose ; and he can dispense with the general length so necessary to the complete hunter. Good and well-formed thighs, however, are necessary. For those hunting counties, such as Cheshire,

where the hedge is generally placed on a bank or "cop," as it is there styled, rather a short but very active horse performs best. But he must be very good in his hinder legs, and very quick in the use of them. Wall-jumpers come within the same class as timber-jumpers as to make and shape.

There is one faculty in which the horse is wanting, that would, if he possessed it, give him a great advantage in leaping. In the human species, the power and influence of feeling are inherent, in a great degree, to the very tips of the fingers ; but the horse has no proper organ of feeling or touch. When a man takes his spring for a leap, or leaps on the top of any substance, he has a distinct and certain sense or knowledge of the nature of the ground from which he has sprung, and of the substance on which he has alighted ; but, from the insensible nature of the horse's hoof, such feeling is, in a great measure, denied to him, and indispensably so too. Still, however, there are a few instances upon record of horses going very well over a country even after having undergone the operation of neurotomy, by which all sensibility, from the fetlock downwards, has been destroyed.

The *necessity* for the thorough-bred horse in the field is belied, by the experience of all unprejudiced sportsmen, and in Leicestershire, where the best studs are to be found, very many of the hunters have a bend sinister in their escutcheon. But this perhaps arises from three causes. First, there is a difficulty in procuring full-bred horses to carry even moderate weights, and speed is but a second attribute to a hunter. He must have sundry other qualifications, and the most prevailing objections to the thorough-bred horse are generally these : He is apt to be deficient in substance to carry high

weights over rough and deep countries, without trespassing too much on the virtue of his high descent. Secondly, he is inclined, and especially if he have been trained, to be shy of facing rough and thorny fences, by reason of the delicate nature of his skin, rendered so by repeated sweats in clothes, when in training. It often happens, indeed, that even the cheering influence of hounds, which has so much effect on other horses, will not induce him to take them. In fact, which may appear extraordinary, he does not appear to have in the field the courage of the half-bred horse. Lastly, his feet are apt to be small, in which case he sinks deeper in soft ground than does the lower-bred horse, whose feet are larger and wider, and thus suffers more than the latter does, in crossing a deep country. As for his powers of endurance under equal sufferings, they doubtless would exceed those of the cocktail, and being, by his nature what is termed a "better doer" in the stable, he is sooner at his work again than the other. Indeed, there is scarcely a limit to the work of full-bred hunters of good frame and constitution and temper.

A sportsman, partial to thorough-bred hunters, should either breed them, or purchase them, not exceeding two years old. If he breeds them, he should select large and bony mares, putting them to horses who have hunting action, such as Tramp had ; and, if he buy them, it will be his fault if he do not buy those of the right stamp. From their never having been trained, but ridden over rough ground in their colthood, they would have freer and higher action, and, when castrated at a proper age, would very rarely fail making first-rate hunters. The reason for subjecting them to the enervating operation of castration is, that by far the greater number

of entire horses, used as hunters, are either dangerous in a crowd, and when pressed upon in gateways ; or given to refuse their fences, when they feel themselves somewhat distressed ; and if once well tired, are not to be depended upon afterwards. The late Earl of Lonsdale's Julius Cæsar was, nevertheless, a good instance to the contrary ; and so was Mr. Arkwright's Dr. Faustus. If free from these defects, they are doubtless superior to either geldings or mares.

PURCHASE OF A HUNTER.

Although it may not be necessary that a person should be perfectly acquainted with the mechanical structure of the horse's frame, according to the laws of nature, to render him a good judge of a hunter, yet, fortunately for such as have them to sell, vast numbers of persons purchase hunters from very slight experience of them, regardless of the proverb of, "He hath a good judgment who doth not rely on his own." There is also another proverb, prevalent, we believe, in Spain, which well applies here : "He that would buy a mule without a fault must not buy one at all ;" and, although faultless hunters may be as rare as faultless riders of them, we will offer a few hints to a person in the act of purchasing one, addressing him in the colloquial style.

First, bear in mind the country you are about to hunt in, whether flat, hilly, firm, soft, open, or inclosed, and refer to the remarks we have made on the sort of horse we have adapted to each ; only be assured that in an open country, especially if a hilly one, nothing has a chance with a thoroughbred horse, in good form, and not over-weighted. Secondly,

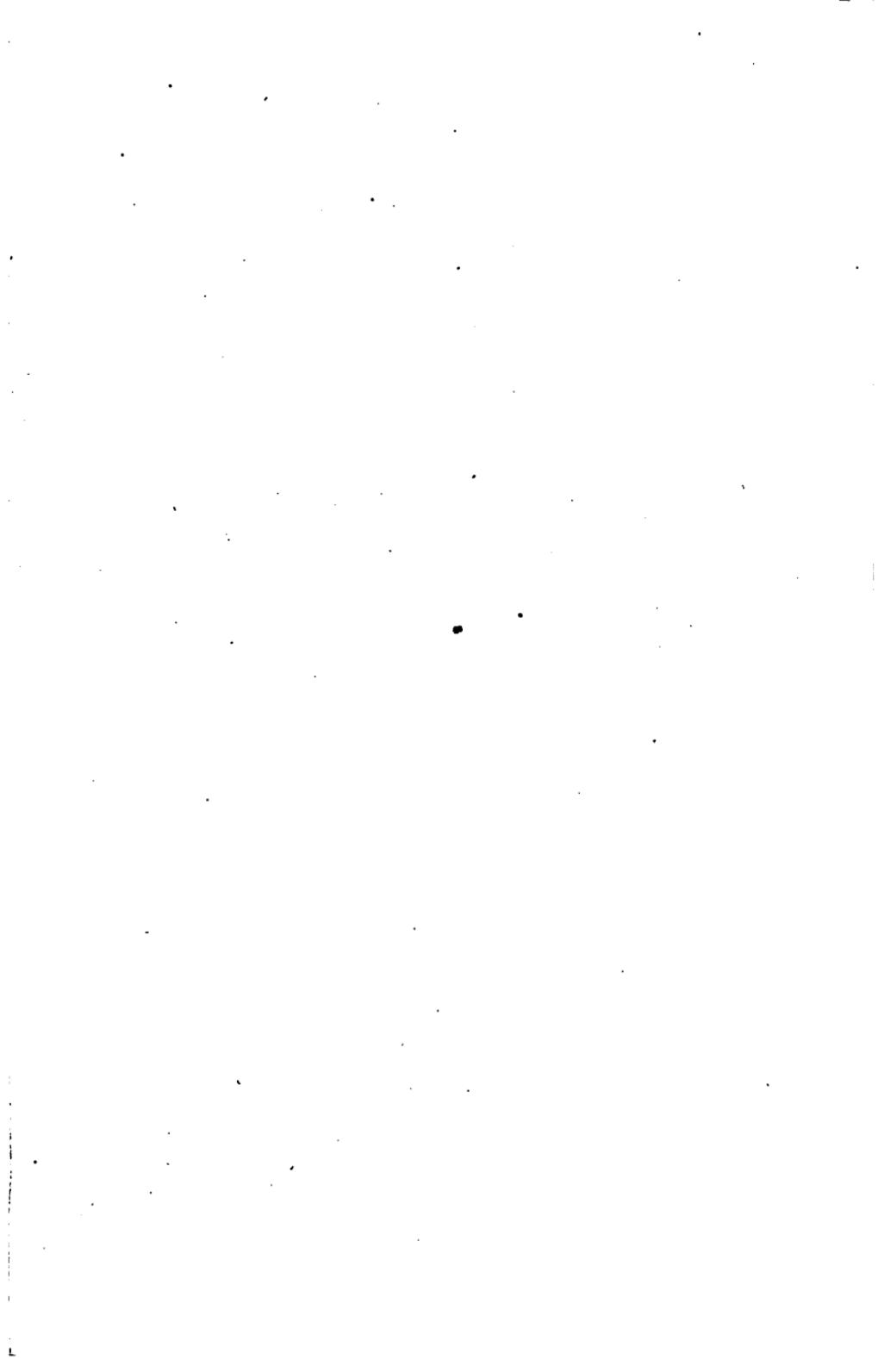
consider well your weight, and be sure to have at least a stone to spare. A light man on a light horse throws away all the advantage of being light, and can go no faster, or leap larger fences, than a heavy man on a strong horse, *for strength will be served*. Until you try him, it is hard to say what horse will make a hunter, but the following indices may induce you to try him :—If he appear well-bred, with a loose, bright skin, which may be called his complexion ; observe that his hair does not stand hollow from the skin, particularly about the poll of his neck. If you find him standing over a good deal of ground, it is a sure sign that he has got length where it ought to be ; not in the back, but from the obliquity of his shoulders, and the arm being set on at the extreme point of his shoulder, which so much contributes to the act of extension of the fore parts in galloping, leaping, and clearing grips. Next examine minutely his thighs and hocks, being especially careful to observe the position of the point of the hock bone. Above all things, avoid a short, or an overtopped horse. The former will never carry you to your satisfaction, however good he may be in his nature ; and the latter, from being too heavy for his legs, will seldom last many years. As for the minor points, common observation alone is wanting. Have his head placed in such a situation as will enable you to satisfy yourself that he has perfectly organized eyes, free from incipient cataract, sometimes rather difficult to be detected ; and as for his age, there are but two ways of satisfying yourself on that point. By his teeth till about eight years old ; afterwards by the state of his legs, which are, in fact, the best test of his value, the best proof of what he has done, and the sure source of speculation as to

what he may hereafter be expected to do. Observe, also, his joints, that no material injury has been done to them by blow, etc., and that they are strong.

But the purchaser of a hunter must not trust to his eye. Neither must he be satisfied with him, how well soever he may gallop with him upon *sound* land. It is the peculiar excellence of "going well through dirt" that renders a horse valuable for all our best hunting countries ; and no man can assure himself that a horse has this peculiar excellence, until he puts him to the test. The best method of doing it is this : The rider should put him along at a good pace, with a slack rein, upon sound ground, letting him find himself all at once upon that which is soft and holding. If, on quitting the former, he cringes more than might be expected under the weight, and shortens his stroke much, he must not purchase him for a hunter. He may go well over a light, down country, but he will never distinguish himself over a heavy one, as he will be going in distress, when other horses are going comparatively at their ease. Horses possess gradations of excellence in this natural qualification, or gift, more than in any other, but in it consists the *summum bonum* in a hunter ; inasmuch as, whatever may be his other good qualities, they are all useless, when the acting parts are, from this cause, deep ground, easily over-fatigued. With regard to his wind, he must not judge hastily of that, in a horse not in work. Should he not perceive anything like whistling in his respiration when he puts him along at a quick pace, and his chest is capacious and deep, and his head well set on, he is not to reject him in case he appears blown by a short gallop. Condition and work will rectify that ; but many a

good hunter has been rejected on this account, by persons not taking into consideration the state of his bodily condition, in a trial of this nature.

The price of the hunter varies with the times, and, no doubt, is as much regulated by the price of wheat as the quartern loaf is. During the war prices, the sum of 1000 guineas was occasionally given, and that of 500 guineas frequently. From 150 guineas to 300 guineas now commands a first-rate hunter. But first-rate horses, in all ages of the world, have ever produced extravagant prices; and it is recorded of Alexander the Great, that he gave four Roman talents for the celebrated Bucephalus, by mounting which the young prince gave the first token of the skill and daring which carried him through so many difficulties.





THE HACKNEY.

THE HACKNEY.

UNDER this term are comprised the following :—The Cover Hack, the Park Hack, the Lady's Horse, the Roadster, the Cob, the Galloway, and the Pony.

The difficulty of procuring really good hacks is admitted by all persons who have kept them for the various purposes of either business or pleasure, and for the following obvious reasons. First, very few people try to breed hackneys; therefore, although we require them to be nearly perfect in shape and action (and perfect they should be to be "really good hacks"), they may be said to be failures in the breeding stud after all. Secondly, by reason of their appearing to be failures in their colthood, they are not forced into good shape, as more promising young horses are, by high keep and care. Lastly, if a man has a really good hack, he is unwilling to dispose of it at the price generally given for such animals. But a question arises, What is a good hack? It cannot be answered but with reference to another question, namely, What description of person is he to carry? The horse that a sober citizen of London or Edinburgh would call a perfect hackney to carry him to his country seat, would not be worth five shillings to a Newmarket or a country jockey, or as a cover hack to a Leicestershire or Warwickshire sportsman.

We will commence, then, with the cover hack, and describe the others in their turns.

The *cover hack* of the present day is very difficult to be procured, because he must unite, with the good qualities of the roadster, the requisites and accomplishments of the hunter. In fact, he must be a hunter in miniature ; and after all, the form of the hunter is the best calculated for a roadster. He must be fast in all his paces, able to gallop well on deep or soft ground, and equal to carrying his rider over moderately sized fences ; and if taught to leap timber, standing, his value is proportionally increased. But, above all things, he must go from 12 to 15 miles in the hour, when wanted, without showing any symptoms of distress ; and he is too often unnecessarily called upon to perform much more than this, by his owner delaying the period of his leaving home in the morning, for the purpose of meeting hounds. It may also be observed, that it is not every sportsman who keeps two cover hacks, although he may keep six or eight hunters ; and it often happens that the cover hack does more work than any horse in the stable, although in justice it should be stated, that the same care in the stable is now taken of him as of the best hunter in it.

Unless to carry a great weight, the cover hack should be all but thorough-bred, if he cannot be procured of quite full blood ; with excellent legs and feet, lengthy and elevated shoulders, and with a susceptibility of mouth that will not only enable his rider to keep him well on his haunches, to guard against danger when going fast on all sorts of roads, but as tending to lessen the fatigue of riding him ; and the strength of his rider should be reserved for his day's diversion

after hounds. The chief pace of a cover hack should be the canter, and his temper should not be overlooked, for if fractious, and a puller, he will add much to the fatigue of a severe day's sport. A horse of this description, nearly 15 hands high, young and sound, will command from £60 to £100. The other points essential to a good road hackney, which will be noticed hereafter, apply equally to the cover hack.

The *park hack* of the present day is the race-horse in miniature. To be quite *à la mode*, he should be thoroughbred, with a very neat head, beautifully set on, and a switch tail; and so well bitted as to be ridden with a slack rein. He should have much liberty in his walk, which, and the canter, should be his chief paces. He must have great obliquity of shoulder, with a corresponding true formation of hinder-quarters, and above all, the well-bent hinder-legs; in which case, if the position of his fore-legs enable him to put his feet down properly, which will be explained in describing the general action of the hackney, he will be, if good tempered, and not given to fret, the perfect park hack.

The *lady's horse* is, after all, the most difficult to obtain, because he ought to approach very near to perfection. His paces, mouth, and temper, should each be proportioned to the power and capability of his rider; and he should be proof against alarm from either noises or sights, which otherwise might cause him to run away. This description of horse should likewise be well bred, as in that case his action will be easier, and his appearance and carriage more in character with the generally elegant appearance of his rider. His pace should be the canter; the trot causes an

ungraceful movement in the person of a woman, to enable her to rise to it ; and if she do not rise to it, she is much shaken in her seat. Neither is the form of the side-saddle fitted for the trot ; and the canter of a well-bitted horse is more safe, because his haunches are more-under him in that pace than they can be in the trot. A good, bold, walk, however, with the head in proper place, is essential to a horse that has to carry a woman ; and his action should be very true, that is, he should not "dish," or throw, his legs outward, as the term is, in any of his paces, or he will cover the lower garments of his rider with mud when the roads are wet and dirty. To provide against the latter inconvenience, however, all horses intended for this purpose should not be much under $15\frac{1}{2}$ hands in height, which size corresponds with the lengthened drapery of a lady's riding costume. As a preventive against accidents, ladies' horses, however well broken and bitted, should not be too highly fed ; and, if at all above themselves, should be ridden by a careful servant, with good use of his hands, before ladies mount them. It is, however, an acknowledged fact, that horses go more quietly under women than they do under men, which is accounted for by the lightness of their hand, and the backward position of the body in the saddle. We have, in fact, known several instances of horses being very hard pullers with men, standing up in their stirrups, and consequently inclining their bodies forward, but going perfectly temperate and at their ease under women.

The power and parts conducive to action in the roadster, or hackney, are derived much from the same shape and make as we have shown to be best fitted for the hunter ;

but it is desirable that he should be more up in his forehand than the hunter is required to be, as such form gives confidence to the rider. *The most dangerous* form he can exhibit, if we may be allowed such a term, is, with his fore-legs standing too much behind the points of his shoulders, *and those points loaded*. Even with the best-formed hinder-legs, the centre of gravity being thrown so far forward beyond the pillars of support, is, in this case, with great difficulty preserved on the horse making a stumble; but with straight hinder legs, a horse so formed in his fore-quarters is only fit for harness, where he can recover himself by the assistance of his collar, having no weight on his back. Provided a hackney do not cut his legs, by striking one against the other, which is oftener caused by imperfection in the upper than the lower extremity of the legs, he is not to be rejected because he may turn out his toes a little—some of the very best, fastest, and safest road-horses being so formed. Cutting the hinder-legs is a worse failing than cutting the fore-ones, as it is a certain sign of weakness; and although we may be told that shoeing will prevent it, we bring to our recollection the old adage, that “a goose always goes like a goose.” What is called the “speedy cut” with the fore-legs, arises from excess of action, and is a great objection, by reason of the wound given to the leg, which is struck just under the knee. Many good hunters, especially when ridden in hilly countries, such as parts of Surrey, where they traverse the hills on loose and stony ground, are subject to this failing, which is remedied by a boot; and, after all, the danger attributed to speedy cut, in throwing horses down, is much overrated.

The size for a road hackney must be regulated by the size of the person to ride him ; but, generally speaking, from 14 to 14½ hands is the proper height. His strength must also be thus calculated, for a light man does not ride pleasantly on a horse equal to double his weight. But a road hackney should have strength of shoulder, with a round barrel, but not a large carcass, which only wears out his legs. His constitution and feeding can only be proved upon trial ; but there are certain indices, such as deep ribs, hardy colour, brown muzzle, etc., which very rarely deceive us. As to the necessity of well-placed hinder-legs, it is most clearly shown by the answer given to the following question :—If a horse make a serious blunder forward, and the centre of gravity of his body fall beyond the pillars of support, and is for a moment lost, what restores the equilibrium ? Is it merely the chuck under the chin to an animal of his bulk and weight, and that “chuck” given perhaps by the weak, powerless wrist of a feeble old man, or delicate young lady ? No : the main effect of the bit, or curb, in this case is, first, warning the horse of his danger ; and, next, by the momentary raising of his head, he is better able to bring a hinder-leg *instantly* to his assistance, by advancing it under his body, and thus restoring the equilibrium. In the walk, in fact, the horse actually begins to move by advancing the hinder-leg under the body, before the fore-leg quits the ground ; and if he did not do so, there would be no equal support for the body during the suspension of the fore-leg in the air ; nor could the body be moved forwards, until the hinder-leg had, by quitting its station, taken a new point of support. Seeing then, that in the walk, as in all other

paces, the centre of gravity in the horse is maintained, as well as the body propelled, by the action of the hinder-legs, the greatest attention should be paid to the position and action of them in the hackney, as the best safeguard against his falling. We should observe, then, when he is exhibited to our view, that, in his walk, the hinder-foot oversteps the fore-foot at least a shoe's length, which a horse with straight ill-formed hinder-legs cannot do ; and if such action be accompanied by generally good hind-quarters, it is a great indication of safety, as far as one-half of the body of the horse is concerned. But as the false step is made, not with the hinder, but the fore leg, the chief safeguard against falling is to be found elsewhere, namely, first, in the length of the shoulder, which throws the centre of gravity further back than a short one ; and, secondly, proceeding also from the free use of the shoulder, in the act of setting the fore-foot down on the ground. It is a general but very mistaken notion, that the safety of a roadster depends upon his lifting his fore-feet high from the ground, when he is said to "go well above his ground ;" whereas it all depends on the manner in which he places them down upon it. Not only are the highest goers often the most unsafe to ride, for, when they do fall, they fall with a violence proportioned to the height of their action ; but, although we do not advocate such extremes, there are thousands of instances of horses going *very near* to the ground, and never making a trip. It is, however, a well-established fact, that if the form of a horse's shoulder, and the position of the fore-leg, enable him to put his foot to the ground *flat*, with the heel well down, his lifting up his foot high is not at all necessary ; whereas,

on the other hand, if, by an improper position of the leg, issuing out of a short, upright, ill-formed shoulder, the toe touches the ground first, and, as it were, digs into it, no matter how high such a horse may lift up his leg, in any of his paces, he will always be dangerous to ride. And this will be clearly shown, if we consider the position of the fore-leg, when off the ground or in action. It is bent in the form of a *C*, and the foot suspended in the air, turning inwards, with a curve towards the body. When in this state, were the foot to come in contact with a stone, or any other substance, it would pass over it without resistance, the limb being at that time in a flaccid state ; but when it approaches the ground, the limb being extended, and having the whole weight of the fore-quarters about to be thrown upon it, if it strike against a stone, or any hard substance, then the case is greatly altered, and a stumble is the inevitable consequence. The base now requires to be firm and even, which it can only be by the foot being placed flat upon the ground. Man, in fact, walks very near the ground, but his toe rarely strikes it. If it did so frequently, he would soon become a cripple, putting falling out of the question. His action proceeds from his hips ; that of the horse, as regards the fore-legs, from his shoulders ; but the principle is the same with each ; each is a piece of curiously-wrought mechanism, and according to the correctness of that mechanism is their action true. A wrong notion, however, prevails here, which may lead the purchaser of a hackney astray. It has been asserted by various writers, that if the shoe of a roadster be found worn at the toe, it is a sure sign of his possessing the dangerous action to which we have alluded. This is

false ; many horses wear at the toe, solely by the act of picking up the foot, and quite independently of placing it down. That many hackneys, however, fall from their shoes being neglected and suffered to wear too much at the toes, we are well aware, as well as from their pressing upon the heels and quarters, from the want of being removed in proper time. When a horse is given to wear at the toe, the wearing part should be steeled.

The best method of ascertaining the manner of putting down the foot, on which we have shown the safety of a hackney depends, is to ride a horse with a slack rein, on a footpath, on which there are trifling undulations, scarcely perceptible, but sufficient for our purpose. If he walk smoothly over such ground, and do not strike it with his toe, we may be sure he puts his foot properly down, and will not, from that cause, be a tumble-down. But there are various ways in which horses fall on the road, bad shoeing, as we have already said, being one of them, and bad condition another. What is called a false step, very different from a stumble, may occur to any horse, and is occasioned by his accidentally putting his foot on a loose stone, that rolls away from under it, when, of course, his footing is lost. In this case, his chance of recovering himself is in his shoulders being oblique and lengthy (for upright shoulders are always short), and well placed hinder-legs. Thrushes and corns are likewise the cause of stumbling ; as likewise is starting, one of the worse failings a hackney can have. In some horses it is a nervous affection, rather difficult to account for in animals of such strength of frame ; and often arises from imperfectly formed eyes, such as flatness of the cornea, or

outward surface of the eye, generally a small one, causing short-sightedness. In the latter case, this fault in a hackney may be guarded against, by employing a veterinary surgeon to inspect him previous to purchase.

The old adage of "no foot, no horse," applies particularly to the road-horse. The hunter can cross a country upon feet that are very far from good ; and by the help of bar-shoes, the coach-horse, with no weight on his back, and with the support the harness gives him, gets pretty comfortably over his stage on unsound feet ; but the road-horse must have sound feet. Previously to the use of horse-shoes, the value of a solid hoof was so great as to have been made the image by which the Prophet Isaiah set forth the strength and excellence of the Babylonish cavalry, "whose hoofs," says he, "shall be counted as flints." Both Homer and Virgil mention it as an indispensable requisite in a good horse, the latter making it to resound as it strikes the ground—

"—— et solido graviter sonat ungula cornu."

We are not going here to enter on a long discussion upon the foot, but only to observe, that the wide hoof and expanded heel of the hunter is not so essential to the road-horse as many persons suppose. Indeed, the hoof that has been found to stand *severe* road-work best, is one rather high at the heel, and not very wide, provided the pastern above do not approach too near the perpendicular, forming what is called "an upright pastern," which, by the jar the foot receives from it when it comes to the ground, is nearly certain to produce disease. The strong foot, however, of which we are speaking, is one that requires care, by being frequently drawn out with

the knife, to prevent its becoming too strong ; and by giving moderate pressure to the frogs, to prevent the heels getting nearer together than we find them, and they already approximate to contraction in a foot of this description. The just form of the hoof in front, upon which mainly depends its form behind, is said by Clarke to be at an elevation from the ground of 33° ;* and we are inclined to think, that a much greater elevation than this would approach too near the perpendicular, for any kind of foot. As the inner heel or quarter has more weight thrown upon it than the outer, it is the principal seat of corns and sandcracks, for which reason great care should be taken that an even bearing to the whole of the crust be given by the smith to the foot of the hackney, previously to his setting on the shoe, the inner heel being given to wear away more than the outer on that account.

In the action of the hackney consists his chief merit. It should be smooth, and with not too long a step, or stride, or he will tire. He should also go straight on his legs, as the term is ; for although horses that dish their legs may be, and commonly are, safe goers, yet they are disagreeable to ride in wet roads, as they cover the rider with mud. As we have already observed, the action of a hackney should not be high, as that tends to fatigue the rider and destroy himself ; and if he puts his foot well down on the ground, he will never fall by reason of his action being low, and he will last the longer for its being low.

The paces of the hackney are in a great measure dependent on the will of his owner. The walk and the canter are most essential to what may be called the pleasure hackney ;

* White says 45° .

but for general purposes, the trot is the most useful and available pace in a roadster, and one in which he will continue longer, according to the rate he is going at, than in the canter. There are instances, however—and here is perfection in a hackney—of horses with very oblique shoulders, and excellent hinder-legs, being able to carry their riders in a canter, over every variation of road, downhill as well as uphill, without offering to break into a trot, for a great distance of ground ; and although not *appearing* to go more than at the rate of nine miles in the hour, are really going twelve. This is the result of the perfection of the points to which we have alluded, and can never be looked for in horses of a contrary make, whose shoulders are short and stiff, and their hinder-legs straight. Above all things, what is called “fighting action” in a hackney should be avoided ; neither ought the fore-leg to be thrown out with a dart, as it is always attended with a dwelling or temporary suspension of the foot previously to its reaching the ground.

Most horses have some peculiarities about them, if not absolute “tricks,” as vicious practices in horses are designated. Starting has already been noticed ; but plunging is still more dangerous, as in that case a horse seldom stops until he have unseated his rider, at least made many attempts to do so, or thrown himself upon the ground. This latter trick often proceeds, not from sheer vice, but from a sense of pain in the horse, from being too tightly girthed ; or from the, to him, very unpleasant sensation of a cold saddle, with a weight upon it, being pressed to his back ; and having once taken a dislike to it, he is very apt to continue it. Against each of these evils it is in our power to provide. Against the first,

by not girthing the horse tightly, for the doing of which there is no good reason ; and against the second, by having the saddle put on an hour before the horse is wanted, in which time it will become warm, and not disagreeable to the skin of his back, which, in some horses, we know to be extremely susceptible. It is upon this principle that the collars are left day and night upon such road coach-horses as are given to "jib" at starting, the consequence of tender shoulders. But there is one failing to which hackneys are subject, not proceeding from vice, but still attended with danger, as it is often the cause of their falling ; and we will endeavour to exhibit this failing. We need scarcely insist upon a good mouth, with neck and head in good place, in the best description of road-horse ; nevertheless, if he will not suffer his rider to avail himself of those advantages, they are useless to him. Such, however, is the case when a hackney, as he is going along in his fast paces, throws his head backwards, which he has always the power to do, his rider being unable to prevent him. Twofold danger attends this fault. First, when in the act of doing it, he sees not where he places his feet ; secondly, his rider loses his mouth for the moment, and in that moment he may fall. Independently of this, it gives the rider the idea that the horse is becoming fatigued, and doubtless it is an indication to that effect. Our idea, then, of a *perfect* hackney to carry a gentleman is this : A well-bred, short-legged, lengthy horse, with *very good legs and feet*, not under fourteen nor above fifteen hands high, that will walk four miles in the hour, trot eleven or twelve, and, if wanted, will go fifteen in that time in a canter or hand-gallop, *without once throwing up his head*, or requiring to be

pulled up. We are, of course, supposing him to be in good condition, and in strong work, or it would not be fair to exact so much from him. But it is only in cases of necessity that any horse should be made to perform the latter task ; for we are averse to trespassing unnecessarily upon the powers and capabilities of so noble an animal. On the contrary, we recommend every indulgence that can be granted to him on a journey, and especially in hot weather. At all times, indeed, it is our interest to do so ; but, in very hot weather, a few sips of soft water, often given, keep off fever, and replenish the loss he sustains by exhaustion from excessive perspiration.

One word more respecting action. We are no advocates for *very fast trotting*. It forces the animal to the very extent of his powers, which, of course wears him out ; it induces his owner either to be constantly displaying these powers in private, or matching him against time in public ; add to this, fast trotting is not a gentlemanlike pace ; that is, it has not a gentlemanlike appearance, neither is it agreeable to the rider. This is apparent at first sight, when we follow two horsemen on a road, one on a fast trotter, and the other on a good canterer ; although going at the same rate, the cantering horse and his rider are both much more at their ease. With the ancient Romans, indeed, a trotting horse was called a tormentor. Nevertheless, we admit that fast trotting is a proof of action, in excess, but of a peculiar nature, and is, perhaps more than any other, transmitted from sire to son, as the produce of the various Norfolk and American trotters have shown. The amble is a pace very little known in England, although very general on the Continent, where the

act of rising in the stirrups by the horsemen, in the trot, is not practised. We wonder, however, that horses are not oftener broken to this pace than they are, for the use of women, or of men unequal to fatigue. Although the amble is not allowed to be a pace in the *manège*—the walk, trot, and gallop being all—it is said to be the first pace of the horse when a foal, but when he has strength to trot, he quits it. Another peculiarity attends it. A horse, we know, can be put from a trot to a gallop without stopping, but he cannot be forced from an amble to a gallop without a halt.

The Pack Horse.—This description of horse is not now in use. His capabilities were prodigious in carrying weight, but were abused by being trespassed upon. When crossed with the heavy cart-horse, a most useful breed for draught was produced, as also what was called the farmer's hackney, that is, a sturdy animal between the cart-horse and the hackney, useful for all purposes of agriculture, as well as for carrying his owner, and always ready to give help upon a pinch, either in the plough, the harrow, or the harvest-cart.

The Cob.—The word cob is one of new mintage in the sporting world, signifying a powerful, short-legged horse, about fourteen hands high, without any pretensions to blood, but able to carry a great weight, at a certain pace, on the road. He is generally the produce of a light, active cart-mare, and either a thorough-bred or half-bred stallion; and, failing to grow in height, often increases in lateral growth to substance equal to that of the old pack, or miller's horse, of former days. When gifted with action, combined with good shape and appearance, this description of horse is much sought after in London, as also in the country, and often sells for a

hundred pounds, to carry heavy elderly gentlemen. The attempt to breed him, however, is a hazardous one, as in case of fault in his action for the saddle, he is not suitable to the coach-horse market, the present rate of travelling requiring more lofty as well as higher-bred cattle.

The term *Galloway* now applies to any horse not exceeding fourteen hands in height, although it originated with a breed peculiar to the county of Scotland known by that name. In the early days of English racing, there were several capital thorough-bred Galloways in training, at the head of which was the Bald Galloway, sire of Cartouch, and also of the Carlisle Gelding, who, as the *Stud-Book* informs us, "was remarkable for having supported the fatigue of running as a trial horse in private, and with success in public, till the age of eighteen, at which period, after winning a heat near Stilton, in Huntingdonshire (1731), he broke his leg and died." The celebrated Mixbury Galloway, of the middle of last century, was only 13 hands 2 inches in height.

Previously to the improved system of coaching, and the cheapness and expedition of that mode of travelling, the well-bred Galloway was the favourite hackney of jockeys, graziers, horse-dealers, and cattle jobbers, and in fact of all light weights who had occasion to travel long distances on the road in a short space of time; and no description of horse is better adapted to the purpose. Many years since, there was a little entire horse in Devonshire, called Katterfelto, the sire of many most extraordinary Galloways, to whose labours on the road, indeed, there appeared scarcely to be any limit.

The Pony.—A horse is called a pony when under the

height of 13 hands, four inches to the hand. It is difficult to account for this diminutive breed, unless we believe it to have been imported from countries farther north than Great Britain, which appears probable from the fact of ponies being found in greater abundance in Scotland and Wales than in any other part of the island ; the effect, no doubt, of climate. In Ireland they are very rare.

There is no animal that improves in form and character so much as the pony does from the effect of good grooming and high keep. A real Welsh mountain pony, in very good condition, especially if not castrated, is a perfect war-horse in miniature, uniting almost every good property his species possesses. As a proof of one essential quality, we can state upon authority, that the Earl of Oxford had a mare pony, got by the Clive Arabian, her dam by the same horse, out of a Welsh mare pony, which could beat any of his racers four miles at a feather weight. Whether Welsh, Scotch, or Hampshire (New Forest), ponies have properties belonging to them, which should attract the notice of the hippopathologist, among the most prominent of which are the following :—They are never lame in the feet, nor become roarers. A broken-winded pony is a very rare sight, and they live to the extreme of old age, if not unfairly treated. They are also very little susceptible of disease, in comparison with other horses ; and as for their powers of endurance, they stagger belief. A rare instance of the latter excellence may be produced, from the well-known fact of the pony Sir Teddy, only 12 hands high, accompanying the royal mail from London to Exeter, and arriving in that city fifty-nine minutes before it, distance 172 miles, in twenty-three hours

and twenty minutes. It may scarcely be necessary to state that he carried no weight, being led between two horses all the way ; nevertheless it was a task that we think no full-grown horse would have performed. A correct likeness of this pony was painted by the elder Marshall, of Newmarket. In 1784 a Shetland pony, $11\frac{1}{2}$ hands high, carried a rider, weighing five stones, from Norwich to Yarmouth and back, 44 miles, in three hours and forty-five minutes. As a proof, also, of their powers in crossing a country, the fact may be stated of the late Sir Charles Turner riding a pony 10 miles in forty-seven minutes, and taking thirty leaps in his course, for a wager of 1000 guineas with the late Duke of Queensberry, then Earl March. During the drawing of the Irish lottery, the expresses from Holyhead to London were chiefly conveyed by ponies, at the rate of nearly 20 miles in the hour.





THE CHARGER.

No kind of horse, no animal, indeed, of any sort, makes so prominent a figure in history, sacred or profane, as "the goodly horse of the battle," or war-horse. The description of him by Job is admitted to exceed the powers of human eloquence; "and," as M. Rollin says of it, "every word would bear an explication to display its merits." The *Guardian* (No. 86) has a very ingenious critique upon it; and Bochart devotes seventeen pages to this and all the other

passages in Scripture in which the horse is mentioned. Virgil's representation of him, in his third Georgic, is considered as the nearest approach to that of the sacred writer ; and the speech, in the tenth *Aeneid*, of the hero Mezentius to his favourite charger, when on the point of sallying forth to avenge the death of his son, is not exceeded, in the pathetic, by any other passage in the poem. Homer is blamed for his too frequent allusions to the horse ; but the history of all wars produces materials for panegyrics on this noble animal. The far-famed Bucephalus is said to have preserved the life of Alexander, by carrying him out of reach of the enemy, although he had received his mortal wound, and dropped down dead immediately on his (Alexander's) alighting from his back. In the battle which was to decide the fate of Persia, on the ground upon which the great Nineveh once stood, the merit of the victory was chiefly ascribed by the Byzantine historians, not to the military conduct, but to the personal valour of their favourite hero, in which his horse bore his share. "On this memorable day," says the eloquent Gibbon, "Heraclius, on his horse Phallas, surpassed the bravest of his warriors. His lip was pierced with a spear, the steed was wounded in the thigh, but he carried his master safe and victorious through the triple phalanx of the barbarians." How many British soldiers have owed the preservation of their lives to the courage and docility of their horses.

The movement of turning being the most difficult with the horse, by reason of the inflexible nature of his back-bone, the one selected for a charger should have great freedom of action, having his hinder legs well bent under his body, so

that he may be easily thrown upon his haunches ; also much liberty in his shoulders, and pliancy in the muscles of the neck ; in which case he will seldom fail in having the proper requisites for his calling. The position of his hinder legs, however, is most particularly insisted upon, because, should they be straight, that is, not inclining inwards from the hock, after the form of the ostrich's leg, he will with great difficulty, be made the supple, short-turning, handy animal that he ought to be, to render him perfectly available to his rider, at the head of his regiment, or in the ranks. Perhaps those horses which were destined to mount our ancient nobility, or courteous knights of old, for feats of chivalry, and gained them the palm in that field of romantic honour, were more highly "dressed," as the term is, in the manège, than an officer's charger of these days should be ; nevertheless, as Colonel Peters observes, in his *Treatise on Equitation*, London, 1835 :—"Although it might spoil a good horse for military purposes to form him perfectly after the higher manège principles, yet he would be equally unfit for that duty if he were left in a raw and ignorant state."

Amongst the ancient Greeks, all horses, as well as all men, were strictly examined before they were admitted into the cavalry ; and the precedent cannot be too closely followed. It is well known, that in the various campaigns of the last war, several British officers lost their lives, in consequence of being mounted on chargers not equal to their weight over every description of ground. In one particular instance, a colonel of a light dragoon regiment was cut down in retreating, by reason of his handsome, but powerless charger, being unable to gallop with him over a deeply-ploughed field. At

the battle of Waterloo, the ground became excessively wet and soft, owing to continued rain ; and, in consequence of it, the Duke of Wellington gave a large prize to an officer on his staff for a fine, powerful mare, which had been purchased out of an English fox-hunting stud. In fact, the sort of horse best fitted for an officer's charger, is one which possesses most of the essential qualifications, as well as accomplishments, of a hunter, as his rider, when on service, knows not how soon they may be called for. He should, however, be of airy form, with light action, and well-bred, or he will not look in character with the smart costume of his rider ; but to his appearance there must not be sacrificed those essential points, substance, and strength, which will enable him to struggle through difficulties, in which a weaker, though more highly-bred, animal might sink. But a trifling deviation in form in the charger, from the points insisted upon in the hunter, may be admitted. For example, the shortness of leg, that is, in the cannon or shank bone, is not exactly desirable in the charger, as his action is required to be of a grander and more showy appearance than we wish to see in the hunter. A moderate length of leg, then, is favourable to such action, and gives lightness, as well as gracefulness, to his movements.

We cannot imagine any brute animal more likely to insure the gratitude of man than the horse which has borne him in safety throughout even a single campaign ; and it is not to be wondered at its having been made a subject for rebuke to Cato, that he left his charger in Spain, to avoid the expense of bringing him home ; or that it should be recorded in praise of Andromache, that she fed the horses of

Hector with her own hand. A case parallel with the first, we would not produce if we could ; but without having recourse to history beyond the period of our own time, we may set forth a flattering resemblance to the second. The late Duchess of Wellington, during her grace's residence at Strathfieldsaye, in Hampshire, seldom omitted for a day feeding, with her own hands, the favourite charger of her gallant husband.

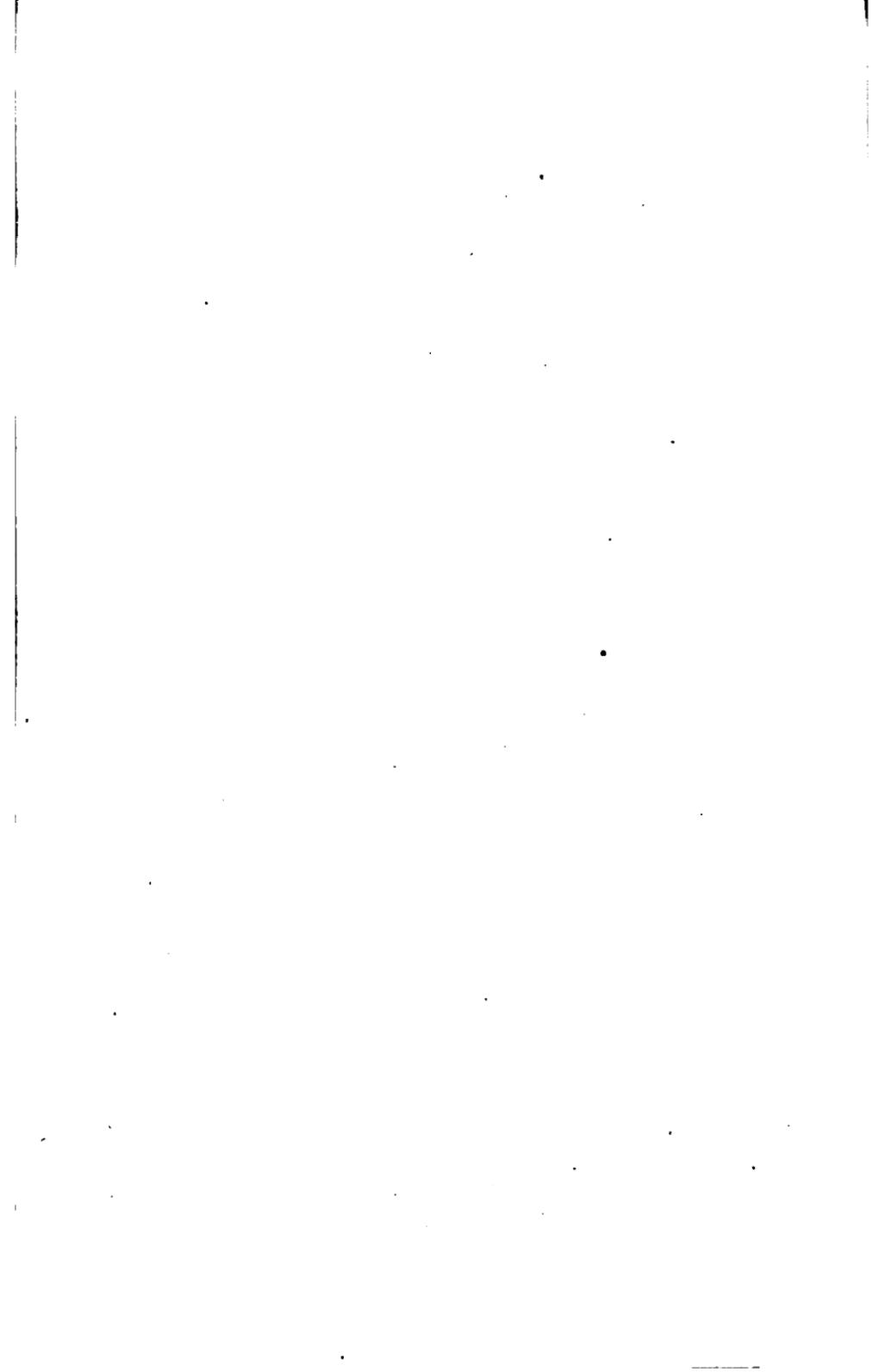
The height of a charger should not exceed fifteen hands and a half—horses of that size being more easily set upon their haunches, and also made to turn more readily than taller ones. His colour must depend upon circumstances ; but next to the silver gray, which best displays his trappings, and which, we may presume, was the colour of the celebrated Phallas (the Greeks called a gray horse *φαλλας*), bay, black, and chestnut, are the best.

THE TROOP-HORSE.

A change for the worse has taken place in this description of horse, in several British light-dragoon regiments, the effect of which was apparent in the last European war. It originated in a wish to imitate the style and character of the hussar, without taking into consideration the fact, that that description of cavalry was intended more for out-parties and skirmishing, than for coming in contact with the body of an enemy ; and that consequently the slender sort of horse on which the English light dragoon has of late been mounted, has not been found efficient, under the immense weight he carries when in marching order, or even in battle, which

averages at least seventeen stone. The heavy dragoon horse is, indeed, very little more powerful now than that of the light dragoon was thirty or forty years back.

The horse best calculated for a light dragoon trooper, is something between the modern coach-horse and the hackney ; upon short legs, with good bone, and with much substance in the body. His back should be short, and well ribbed up, his barrel round and large, to allow plenty of room for food, as he is often a long time without it ; and hardiness of constitution is a very material point in a soldier's horse. It is true they are purchased when young, many of those for the household troops, at three years old ; and their good keep, upon hard food of the best quality, forces them into shape, and makes them what we see them. Most of the troop-horses are picked up at Stourbridge Fair ; but the late Sir Walter Gilbert considered that the dragoon guards were never so well mounted as they were in India, when the Cape-bred hackneys were imported for their use. The Duke of Wellington was always very particular about giving them regular exercise, and it is stated by the Druid in the *Post and the Paddock*, that they did six miles out of Brussels and back again every morning in two hours ; eight miles of it at a sharp trot, and the other four in a walk.





THE COACH-HORSE.

THE COACH-HORSE.

If it cannot be absolutely asserted that the first use of the horse was in harness, it is quite certain that the chariot-horse was held in high estimation in very early times, and is alluded to by poets and historians of all nations and in all languages. Homer says that Diomed, an Asiatic prince, had ten chariots, with a particular sort of horses for each ; and he also makes Nestor, at the funeral games of Patroclus, harness the horses for his son with his own hands ; and, by his skill in directing him in the race, he wins it. But the Grecian bard goes still further into minutiae. He even represents Menelaus, on the same occasion, using Oethe, one of the horses of Agamemnon, with one of his own ; and Priam is found harnessing his favourite steeds to the car, in which he returns, with the dead body of his father, from Achilles's camp, on the plains of Troy. It would be endless to turn to other writers to show the estimation in which the chariot-horse has been held.

In its present acceptation, the term "coach-horse" includes two varieties ; namely, the horse that draws the gentleman's carriage, and the one that is employed in those public conveyances called "stage-coaches." As regards the former animals, we believe a similar alteration has taken

place in the form, appearance, and breeding of them, as has been seen in the English hunter within the last half century. The Flanders mares, so highly esteemed, and seen only in the carriages of families of distinction ; the well buckled-up, long-tailed blacks and roans—have all disappeared, and we find in their stead the sort of horse nearly approaching to the one which was formerly considered quite well bred enough for the chase. But the fact is, that nothing but well-bred horses have a chance to stand what is called harness-work on our roads. Those used also for “town-work,” as the term is, are of a superior description, amongst which hundreds of good hunters might be selected ; but such have been the high prices given for them by the dealers, at an age which would not admit of their being tried in the field, they have found their way into harness, and when once there they remain in it.

The form, however, of what may be termed a splendid town coach-horse, need not be, by any means perfect ; and were a judge to examine minutely the points of vast numbers of those handsome horses seen in the carriages in London, or other large towns, he would find them very deficient in several points, essential to any purpose but harness—shoulders and hinder-legs especially. But it is fortunate for breeders of horses, that it does not require true symmetry and action to form a grand coach-horse. His false points are, for the most part, concealed by his trappings ; and if he be anything near the following form, he will make an excellent appearance in harness :—His head is not so material, as the bridle covers so much of it ; but his neck should rise well out of his shoulders, as the higher he carries his head the

better, provided the form of his neck admits of its being drawn inward by the bearing rein, when only moderately tight, in which case he will be easily acted upon by the driving rein. The back of the coach-horse is a material point, as, without an easy slope behind the withers, his fore-hand will not appear grand, nor will the pad sit well upon him. His hinder quarters should be straight and blood-like ; his gaskins well spread ; and his tail should be set on high. His action should not be too short for town-work, but the knee should be thrown well up in the trot, to give him a grand appearance. This peculiar action, the result of strong flexor tendons, suited nearly to this purpose only, is observable in colthood, but is increased afterwards by the horse being thrown more upon his haunches by the bit ; and the act of drawing is not unfavourable to it. Light work in harness, indeed, is favourable to all action, that of galloping excepted.

The North and East Ridings of Yorkshire may be called the modern Epirus, as the greater part of the London coach-horses are bred there, and get into the dealers' hands at Howden and Northallerton fairs. The most usual cross is between the thorough-bred horse and the Cleveland bay mare ; but the appearance of too many of them incline us to believe that breeders resort, oftener than they should, to the half-bred horse, as well as to the half-bred mare. This, added to the rich grass land they are bred upon, accounts for the coarse, ill-placed shoulders, and flat, fleshy feet that so many of the London coach-horses exhibit. For road-work, in noblemen and gentlemen's carriages, horses cannot be too nearly full blood, provided they have strength equal to their

work. Here, as over a country, "it is the pace that kills;" and as, in considerable velocity, the power of a horse is nearly exhausted in moving his own body, he needs every advantage we can give him.

The colour of the gentleman's coach-horse is, for the most part, bay or brown; but by far the most imposing in harness is the silver-gray, with black mane and tail. This colour was held sacred by the ancients; and Camillus is said to have given great offence to the Romans by being drawn through Rome, in his triumph, by four gray horses, no general having before ventured to do so. Gray coach-horses, however (in which Sir Henry Peyton latterly delighted), require the nicest grooming, and the best appointed harness. The piebald look conspicuous, but very few like to drive them. The skewballs are equally unfashionable, although the late Duke of Beaufort, whose taste in these matters was irreproachable, would have nothing else in his carriage. Virgil was partial to the piebald, or party-coloured breed, and mounts young Priam upon one of them in the fifth, and Turnus in the ninth *Aeneid*, both Thracian horses.

There are, however, a few points very necessary to be observed in the purchase of the road coach-horse. As in drawing, the force applied proceeds from the fulcrum formed by the hinder-feet, well spread gaskins and thighs form a main excellence. His fore-legs also should be good to make him a safe wheel-horse, nor can he throw his whole weight into his collar, unless he be sound in his feet. But alas, how many are thus deprived of their natural powers, by being worked upon unsound feet, and expected to exert themselves to the utmost.

There is no truth so easily proved, or so painfully felt by the post-master, at least in his pocket, as that *it is the pace that kills*. A horse at a dead pull, or at the beginning of his pull, is enabled, by the force of his muscles, to throw a certain weight into the collar. If he walk four miles in the hour, some part of that muscular energy must be expended in the act of walking ; and, consequently, the power of drawing must be proportionally diminished. If he trot eight miles in the hour, more animal power is expended in the trot, and less remains for the draught ; but the draught continues the same, and, to enable him to accomplish his work, he must tax his energies to a degree that is cruel in itself, and that must speedily wear him out.

Let it be supposed, what every horse cannot accomplish, that he shall be able, by fair exertion and without distress, to throw, at a dead pull, a weight into his collar, or exert a force equal to 216 lb. ; or, in other words, let him be able to draw a load which requires a force of 216 lb. to move. Let him next walk at the rate of four miles in an hour ; what force will he then be able to employ ? We have taken away some to assist him in walking, and we have left him only 96 lb., being not half of that which he could exert when he began his pull. He shall quicken his pace to six miles an hour, more energy must be exerted to carry him over this additional ground. How much has he remaining to apply to the weight behind him ? 54 lb. only. We will make the six miles an hour ten ; for it seems now to be the fashion for the fast coach, and for almost every coach, and every vehicle, to attempt this pace. How stands the account with the poor beast ? We have left him a power

equal to 32 lb. only to be employed for the purpose of draught.

The load which a horse can draw is about fifteen times greater than the power exerted, supposing the road to be hard and level, and the carriage to run with little friction ; and the horse which, at starting, can throw into the collar a weight or force equal to 216 lb., will draw a load of 3200. Let him, however, be urged on at the rate of ten miles in the hour ; deduct the power used in swiftness of pace from the sum total of that which he possesses, and what remains ? not a sixth part, not that which is equal to a quarter of a ton, or, if it be a stage-coach, the energy exerted in draught by the four horses will not be equal to a ton.

The coach, and its passengers, and its luggage, weigh more than this, and the whole is still drawn on, and must be so. Whence comes the power ? from the overstrained exertion, the injury, the torture, the destruction of the horse. That which is true of the coach-horse, is equally true of every other. Let each reader apply it to his own animal, and act as humanity and interest dictate.

It would be in vain to attempt any standard for road coach-horses. They must be picked up where they can be found, and, if possessed of action, the rest must be left to chance. A good constitution is desirable, for many die in the "seasoning," as it is called, on the road, and a young, green horse cuts a poor figure in a fast coach. Coach-masters are too much given to purchase infirm horses, by which they incur loss, for, if quite sound, it is as much as can be expected that they remain so for any moderate length of time ; and we believe the average duration of horses in fast work is not

more than four years, if purchased sound. Unsound horses, then, cannot be supposed to last nearly so long, independently of the cruelty of driving them. The most likely horse, however, to stand sound, and do his work well in a fast coach, is one that, with sufficient strength and a good set of limbs, has action sufficiently speedy to admit of his keeping time without going at the top of his pace. When this is the case, he runs his stage, from end to end, within himself, and is as good at the last as he was at the first ; but when he cannot *command* the pace, he soon becomes distressed, and is weak at the end of his stage. This accounts for sundry accidents having occurred by wheel-horses being unable to hold back a loaded coach down hill, at the end of the stage, although they would have been more than equal to it at the beginning of it. In fact, many coach-horses are very good for eight miles, but very bad for ten, so nicely are their powers measured in harness. Above all things, we recommend good legs and feet in working horses, if they are to be had ; and an extra price is well laid out in procuring them. Whether they are strong in their harness, in very fast work, cannot be discovered until they are tried ; but well-bred ones, having substance, are most likely to prove so.

Coach-horses are subject to many accidents, and some diseases nearly peculiar to themselves. Amongst the former is the fracture of a leg, or the coffin-bone of the foot, occasioned generally, it is supposed, by treading on a stone, or any other uneven surface, when the limb is strained in draught. It, however, sometimes happens when the horse is trotting along on very fair ground, and in such cases the accident is rather difficult to account for. In very heavy draught, when

the foot is much overcharged with the weight and pressure of the body, a fracture will sometimes take place at the first step the horse takes. Perhaps these accidents may be independent of what is called shape and make, but coach proprietors would do well to purchase their horses with good legs and feet, and then they are less liable to these accidents, and, with good care and good shoeing, may last many years in very quick work.

The diseases peculiar to coach-horses are the megrims and the lick. The former attacks the head, and is caused by irregular motion of the fluids within the vessels of the brain, stopping, for a time, all voluntary motion. The horse in consequence staggers and falls, if not immediately pulled up, and that does not always prevent him. This species of vertigo is generally produced by the effect of a hot sun, especially if the horse be running in the face of it, for which reason horses subject to megrims are generally worked at night. In fact, many coach-horses are good horses by night, although they cannot keep their time by day, in the summer, particularly thick-winded horses. Blind horses also do not like sun, but "as healthy as a blind horse in the winter" is a proverb.

The lick can scarcely be called a disease, but it greatly injures the condition and appearance of coach-horses. When under its influence, they are almost constantly, when not feeding, licking each other's skins, or else the rack or manger. It proceeds from a heated state of the stomach, from the excitement of high food, and almost daily profuse sweating, and is invariably removed by alterative medicines or physic.

A great mistake is made by too many coach-masters in

being *under* instead of *over* horsed for their ground. Instead of keeping five horses to work a certain length of ground, and feeding them very high to perform it, it would answer them better to keep six horses on the same allowance of corn that the five horses are eating. The stock would last longer, and the money they cost be "kept together," as the term is, longer, by such means. Each horse would then rest two days out of six, when they were all fit for work, which would keep him very fresh in condition ; and there would always be one spare horse left, in case either of the six wanting physic or rest. It is the almost every-day excitement that breaks down the constitution of coach-horses.

THE GIG-HORSE.

ONCE on a time, a country parson and his wife, or a wealthy old farmer, were the only persons seen in England in two-wheeled carriages, then called Whiskies. They were useful though far from ornamental vehicles, having what is termed a "head" to protect the inmates from weather, and with a very quiet horse, were considered as nearly equal in security to close four-wheeled carriages. In the character and appellations of these carriages, however, a wonderful alteration has taken place within the last fifty years, and even royalty itself has been seen seated in gigs, cabriolets, Stanhopes, and Tillburies ; the two last taking their names from the inventors of their peculiar forms. The build of these two-wheeled carriages has reached the very summit of perfection, not only as regards their firmness but their elegance ; and it is scarcely necessary to add, that the horses driven in them, as likewise their harness, have equally altered their character. From 200 to 300 guineas (and, in one instance, 700 guineas were paid) have been no uncommon prices given for gig and cabriolet horses ; and for gentlemen's work we might put seventy as the average of the last forty years.

The choice of a gig-horse (for we confine ourselves to that term for the present) must be regulated by local circumstances.

If for London streets, his action should be rather lofty or "grand," as the term is, than fast ; that is to say, he should step with his knee much elevated, which of course is unfavourable to speed. His appearance also should be of the first order of his species, not under 15 hands 2 inches in height ; and if of a fancy colour, the more money will he fetch in the market. He must be well bitted, carrying his head high, and very quick in getting into his trot, or "upon his legs," as coachmen say, to enable his driver to make his way in crowded streets. We should also add, that this quickness in his motions should be accompanied by perfectly good temper, and freedom from all vice ; in which case he is always worth 100 guineas, or more, if in the prime of life and sound.

For the country a different sort of gig-horse is required. In drawing a gig on a soft or newly-gravelled road, the resistance is much the same as a continual hill ; and therefore a horse with a quick, short step is best calculated for the road, as such action fatigues less than that which we have recommended for London. For all purposes, however, a horse in single harness, to be safe, should be well up before ; that is to say, he should go with his fore-quarters high up, and not boring on his shoulders. In this case, if he have well-placed shoulders, good legs, and sound feet, free from corns and thrushes ; good natural courage to induce him to "run up to his bit," and a good mouth, there will be very little danger of his falling down in a gig ; but accidents from vice must depend upon other circumstances. These accidents, however, are often the result not of real vice or even of ill-temper, but of want of knowledge in his owner of putting him properly into his harness, as well as of driving him afterwards.

Innumerable accidents to horses in gigs arise from some part of the harness pinching him, particularly about his withers or back, when he will endeavour to kick himself out of it, to rid himself of the torment. Indeed we have more than once seen a road coach-horse, in regular work, set a-kicking merely from a twisted trace rubbing edgewise against the outside of his thigh.

We consider mares objectionable in single harness, for reasons which are obvious; and few of them are to be trusted at certain periods of the year, particularly in the case of a rein getting under the tail. When driven, the precaution of the safety-rein should not be omitted. We are also of opinion that numerous accidents from gigs would be prevented, if horses intended for them were to be broken in to them in bridles without winkers, as a great portion of the horses on the Continent are driven. The not knowing what they have behind them is a natural cause of alarm, and would by this means be obviated.

THE POST-HORSE.

This description of horse, although its day is quite gone by, is one of the most useful we have. He is spoken of by Xenophon, in allusion to the posts instituted by the first Cyrus, and as the most expeditious method of travelling by land (*Cyropaedia*, lib. viii., p. 496, edit. Hutchinson); although, perhaps, he was chiefly made use of to forward public despatches. Augustus was the first to introduce post-houses, and consequently post-horses and post-chaises, amongst the Romans, disposed at convenient distances (Suet. *in vit. Aug.* vi., 49), but these were chiefly for the purpose of political intelligence. Thus, in a letter from Pliny to Trajan, we find him informing the emperor of his having granted a courier a warrant to make use of the public posts, as he wished him to be quickly in possession of some important facts, communicated to him by the King of Sardinia; and he subsequently (Letter cxxi.) apologizes to his royal master for having ventured, on his own responsibility, to grant an order for his wife to be forwarded by post-chaises, on occasion of a domestic affliction. His letter produced a kind answer from the emperor, approving, *in this peculiar instance*, of the use of the warrants which he had entrusted to his care.

The character and appearance of this class of horses, as well as of all others, has undergone a marked improvement in comparatively modern times. Up to the end of the last century the post-horse was, except in a few instances, an object of commiseration with travellers. With galled sides and sore shoulders, and scarcely a sound limb, he would not go without the lash or spur ; whereas he now comes out of his stable in high condition, and runs his ten miles stage in an hour with a carriage of the average weight, and twelve, if required, with a light one. He is also seen to perform either of these tasks without being distressed, unless in immoderately hot weather, when humane persons would check his speed. Montaigne says, "There is a certain general claim of kindness and benevolence which every creature has a right to from man," a sentiment in which we heartily concur ; for, although man may be considered as the delegate of heaven over inferior animals, he has no right to go to the very extremity of his authority. It is, however, much to be feared that a thoughtless indifference to the sufferings of the post-horse is too frequently to be laid with truth to travellers in our own country, who, without any sufficient reason, urge him to a rate of speed which cannot be unattended with suffering.

The form of the good post-horse should resemble that of the hunter, which is generally ridden in the deep and close hunting counties of Great Britain ; that is, with as much blood as can be got, in conjunction with good bone and strength. The riding horse of the pair must have sound legs and feet ; but, if a little the worse for wear, an old hunter makes an excellent hand-horse (if he will not lie down

the moment he has to take to his collar at a hill), and innkeepers generally avail themselves of the saving occasioned by putting horses of a less price in that place than the one which carries the driver. Notwithstanding this, the average purchase money of a useful pair of post-horses cannot be estimated at less than from £50 to £70.

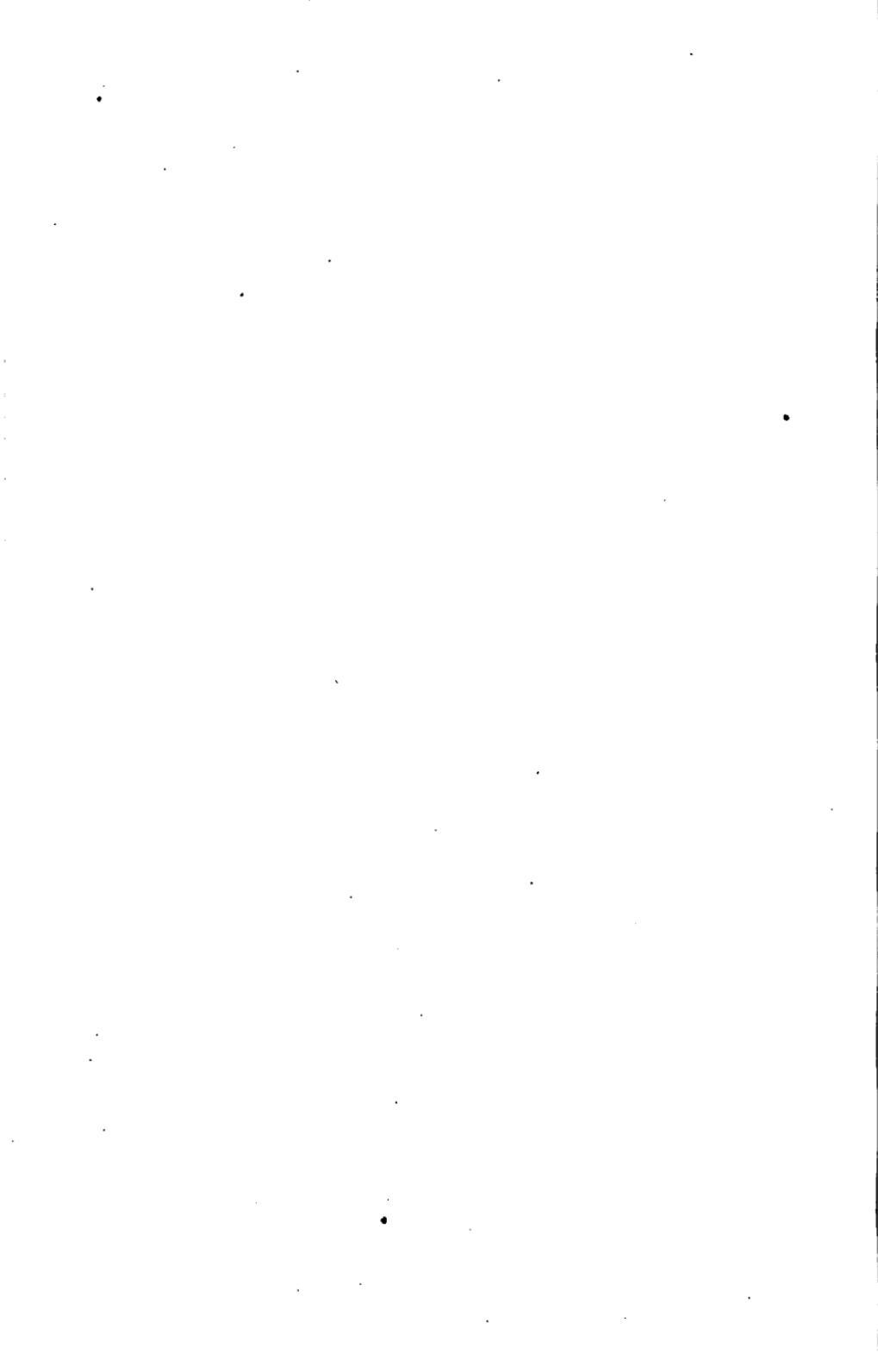
THE CART-HORSE.

ERRORS detected by experience are allowed to be equal to demonstration ; but this truism is not admitted by a vast majority of English farmers, who persevere in the use of the heavy horse for agricultural purposes, for which, solely, he is by no means fitted, from the slowness of his step (independently of his weight), unless very highly fed. As long, however, as the ponderous vehicles made use of in London and elsewhere for the transmission of heavy goods are persevered in, this equally ponderous animal, which sometimes weighs a ton, may be necessary ; but it is certain that lighter horses in lighter vehicles would do the business better, that is, more speedily and at less cost. Notwithstanding the objections to him, the heavy cart-horse pays well for rearing ; for, being always saleable at two years old, a certain profit is insured, as for the first year the expense of keeping him is trifling. If on a large scale, and promising to be fit for the London market, or the best-conducted road waggons, he commands a price that leaves a handsome surplus to the breeder.

The chief desiderata in the cart-horse are substance and action. If possessed of the latter, his shoulders and fore-quarters can scarcely be too coarse and heavy ; for drawing being an effort of the animal to preserve himself from the



THE CART-HORSE.



tendency which his weight gives him to the centre of gravity when he inclines forward, so the more weighty he is before, and the nearer he approximates this centre, the more advantageously will he apply his powers. Notwithstanding this, we are not advocates of heavy horses for farmers' work, much less on the road. The lighter horse gets over in eight hours what would take the heavy one ten; and the great improvement in the present mode of culture, and the implements used for agricultural purposes, do not require more weight or strength than what the Suffolk, Clydesdale, Cleveland bay, and other lighter breeds, are masters of. Besides, there are periods of the year when despatch of business is of great moment to the farmer, which he cannot command in those mountains of horse-flesh which we see labouring in most of the finest districts in England, tiring themselves by their own weight.

Travellers on the continent, occupying land in England, should carry in their eye the form and action of the horses which draw the public carriages, particularly those bred in Picardy, in France. The prevailing colour is *iron* roan, and their nature appears to sympathise with that colour; for, speaking figuratively, they are as hard as iron itself. It is not unusual to find four or five of them drawing those cumbersome diligences, weighing perhaps six or seven tons, a twenty-mile stage at the rate of six miles an hour, preserving up their condition to the highest pitch; and this with hay and corn very inferior in quality to that grown in England. To keep up the condition of the English cart-horse, requires him to consume nearly as much as his labour is worth; and unless he lives well he is only half alive, which his sluggish action

denotes. In fact, his chief fault lies in his having too great a body and too little spirit, consequently he exhausts himself in the mere act of carrying that body. The nimbleness of the smaller kinds of cart-horses to which we have alluded, is owing to their moderate size; and their immense powers in lifting weight (with the Suffolk-punch, and Clydesdale breeds, in particular) to the same cause, combined with the low position of the shoulder, which occasions weight to be acted upon in a just and horizontal direction. The Welsh cart-horses, especially those in use in the counties of Denbigh, Merioneth, and Montgomery, are eminently adapted to all agricultural purposes, combining much strength with a great share of activity; and the general criteria of a wide breast, with low shoulders, good carcass, and small head, indicate their being good workers, with hardihood of constitution. Their height is about fifteen hands two inches, and their colour black or brown.





THE IRISH HORSE.

THE Irish Hackney may be reckoned amongst the indigence of his country, a *sui generis* animal, not mixed, as the English hackney is, with the black cart-horse, originally and still brought over by dealers from Flanders. He is remarkable for the general soundness of his feet, which are stronger in the heels than those of English horses, and he stands his work well, if not too much abused in his youth. Almost all Irish horses coming under this description have been broken into the plough and the car, so they, for the most part, go in harness; but the worst fault they have is not having been

properly broken in, and bitted, which is the cause of many of them being restive.

The Irish hunter is a very different animal from what he was half a century back. He was always celebrated for leaping, but until lately the want of breeding rendered him nearly useless as a hunter, in the countries which require speed, as well as the accomplishment of leaping. At the present time great numbers of excellent well-bred Irish hunters are annually imported into England, and being found to answer well, fetch good prices. This is the result of horse-breeders in Ireland seeing the necessity of putting their hunting mares to thorough-bred stallions, and not, as before, to the slow, *great-jumping* hunter, no matter how low his breed. The improved cross, being again put to the thorough-bred stallion, of course has produced a still better kind of animal, and thus are Irish hunters "progressing" towards perfection.

The method of leaping of the native Irish horse is peculiarly suited to some of our English counties, Cheshire and Lancashire, for example, and likewise to those inclosed with walls both in England and Scotland. To use an expressive Irish phrase, "they have always a leg to spare," implying that they have a ready use of their hinder legs; which is the fact, in tipping or touching walls or banks, with one or both, which gives them a fresh fulcrum, from which they can extend their leap, in case of their finding an unforeseen difficulty or obstacle on the landing side. In the wall counties of Ireland, indeed, the horses are taught to alight on their hinder-legs upon the summit of the wall, after the manner of the dog when he leaps a gate, which, if the wall be broad and firm, adds to the facility of the exertion, as also

to the safety of the rider. Irish hunters are generally good brook jumpers, being educated, indeed bred, amongst drains ; but field-gates, or stiles, being of rare occurrence in the pastoral districts of Ireland, they are not to be relied upon as timber-leapers, until they have been initiated to that description of fence.

Persons who have had experience in Irish hunters have found them very shy of having a whip, with a thong to it, made use of by the rider, either for the purpose of smacking it, or to strike an unruly hound. This, we fear, proceeds from unnecessary severity in the exercise of the whip in breaking, but which would be obviated if breeders were aware of the inconvenience it occasions to servants, who are called upon to ride Irish horses with hounds in the capacity of huntsmen or whippers-in. We have seen a few of these horses nearly useless from this cause, as servants' horses ; although well suited, in every other respect, to this peculiar purpose from their style of fencing and hardiness.

The Irish race-horse was formerly far behind the English ; but he has latterly—as Harkaway, Foig-a-Ballagh, The Baron, Irish Birdcatcher, Russborough, and Knight of St. George, have proved—shown himself a match for them both in the stud and on the Turf. For their first good runners, the Irish were principally indebted to Lords Sligo and Rossmore, and to the late Mr. Bowes Daly, who was esteemed the best judge of breeding racers that Ireland ever could boast of. It must, however, be admitted that horses bred and trained in one country, and running in another, meet their rivals under disadvantageous circumstances, in consequence of the loss of condition consequent on a sea voyage.

THE SCOTCH HORSE.

LIKE all cold countries, Scotland is unfavourable to breeding the race-horse in his best form ; and the only prospect of rearing him to anything approaching perfection is to shelter him with unusual care from the weather, when either cold or wet, and to force him with the highest keep. Scotch-bred hunters, however, are esteemed in the hunting world as a stout, hardy race ; and they, like the Irish, are now well enough bred to live with any hounds at the speedy rate at which those animals run, according to the fashion of the present day. Of the native Highland pony it is unnecessary to say much, its merits being so well known ; and the Scotch cart-horses are decidedly the best in Great Britain. The peculiar variety known as Clydesdale horses stand first in repute. Of the origin of this race various accounts have been given, but none of them so clear or so well authenticated as to merit much notice. They acquired their appellation, not because they are peculiar to Clydesdale, as the same description of horses are bred in the other western counties of Scotland, and over-all that tract which lies between the Clyde and the Forth, but because the principal markets at which they are sold—namely, Lanark, Carnwath, Rutherglen, and Glasgow—are situated in that district, where they are

also preserved in a state of greater purity than in most other parts. They are rather larger than the Suffolk-punch, and the neck is somewhat longer ; their colour is black, brown, or gray ; all the essential points for heavy draught are very conspicuously developed ; and they are extremely docile withal, and excellent at what is called a dead pull. Mr. Charles Philips, of Cracrop, Cumberland, is the best English breeder of them ; and some of his two-year-olds, according to *The Druid*, have been sold in Canada at four shillings and eightpence per pound ! Some magnificent specimens of this breed are to be seen in the streets of Glasgow, in the service of merchants and carriers. We have reason to believe that, if tried by a dynamometer, the Clydesdale horse would exceed any other of his inches and weight in his powers of draught, and his quick step adds much to his value.

GENERAL TREATMENT OF HORSES.

HUMANITY and mercy are esteemed the choicest characteristics of man ; and there is hardly a greater instance of ill-nature, or a more certain token of a cruel disposition, than the abuse of dumb animals, especially of those who contribute to our convenience and pleasure. Judge Hale beautifully expresses himself on this subject in his *Contemplations*. "There is a degree of justice," says he, "due from man to the creatures, as from man to man ; and an excessive use of the creatures' labour is an injustice for which he must account. I have therefore always esteemed it a part of my duty to be merciful to my beasts." We know of no remedy for this ; but it is pleasing to reflect that in all classes of society so noble, generous, and useful an animal as the horse, is now freed from many evils to which he was formerly subjected. In fact, if the Society for the Suppression of Cruelty to Animals hear of a case, they will send their agent any distance to prosecute it. The short-docking of the cart-horse, the effect of prejudice and ignorance, it being supposed to add strength to his back, is very generally discontinued, and he is allowed the use of a full tail, the only natural defence against the torment of flies in the summer. Those barbarous operations, nicking the tail, and cropping the ears of pleasure horses, are

very seldom had recourse to ; neither is firing the limbs nearly so frequent a remedy as it was—veterinary science having substituted other equally efficacious, but less painful means. And, though last, not least, the improved condition, and the effect of better stable management, on all horses employed in fast work, has very considerably lessened their sufferings. On this subject we offer the following remarks :—

CONDITION, OR STABLE MANAGEMENT OF THE HORSE.

The improvement in training the race-horse has been the result of two distinct causes, each equally likely to produce the desired effect. First, practical experience, an excellent schoolmaster in such matters ; and, secondly, both breeders and trainers of this animal now look into books, not only reading them, but reflecting upon what they read. As we have already observed, trainers dislike green meat, and a racing-colt may now be said to be in training, if not from the day on which he is foaled, from that on which he is weaned ; for his condition, at least the foundation of it, is from that period in progress. Again, the early period of his going into work, compared with what it formerly was, but now become so general, has not been without its effect. It has called forth additional exercise of the trainer's professional skill ; for it may easily be imagined that bringing very young horses to the post, in the perfect state of condition and full development of muscular power in which we now-a-days see them at every race-meeting in our island, is a very difficult task, and that it is a still more difficult one to preserve them in that state, even for a few days. On the whole, the train-

ing system of the present day is not nearly so severe as it was ; and railways have done much towards keeping horses in condition, by allowing them to stay at their own stables and training-ground till within a few hours of the race, instead of losing condition by a long walk on the road, and even to say nothing of a fresh stable and fresh water every night. Many of the great favourites have now their own food and water brought to a race-meeting with them for fear of risks, as change of water especially is most detrimental to a horse in form. Both constitution and temper being to be consulted, the very refinement of the art is called for ; in fact, the trainer must act upon principle, and very cautiously too, in his efforts to forestal nature. Inasmuch, however, as muscular action produces muscular strength, the racer of the present day, reared as he is reared, and consequently in a more condensed form, does not, with few exceptions, require the very severe work which it was formerly necessary to give him to increase his natural powers, as well as to rid him of the bulk of flesh and humours he acquired in his colthood under the old system of rearing him. A sight of our two-year-olds at the starting-post is the best demonstration of what is here stated. They exhibit a development of muscle in their forced and early maturity almost equal to that of the adult horse, and carry eight st. seven lb. and even upwards, at a racing pace—a weight unheard of upon so young an animal in former times. How far, however, this forced maturity and its consequences—namely, severe work, and the excitement of high keep, at so tender an age—are favourable to him or to his produce in after life is another question ; but the use of a system should never be estimated by the abuse

of it. If our race-horses are not, and we believe they are not, so stout in their running as formerly—that is to say, twenty years back—the cause may fairly be traced to the great value of produce stakes and others, which bring them to the post at so early an age; so much so, that, in the language of the turf, a four-year-old colt of the present day is called “*the old horse*.”

But a still more material alteration for the better has taken place during the last thirty years in the stable management and condition of the British hunter, arising principally from a different treatment of him in the non-hunting months. It had, from time immemorial, been the usual remark of the sportsman, on his hunters being turned out of their stable in the spring, for the *supposed* necessary advantage of the “*summer's run at grass*,” that it was to be lamented that the hunting season was concluded, as the condition of his stud was so perfect. The fact was, that until then, or nearly till then, they had not been in condition at all; and, how strange soever it may appear to any one reflecting upon this subject, by the act of turning them to grass for this “*summer's run*,” he was about to undo all that his groom and himself had been doing during the nine preceding months—namely, to destroy the perfect state of condition which he was at that time lamenting over. Still more strange, however, is the fact, that although the evils of this out-of-door system for three months in the year to an animal who lived the other nine in warm stables and well clothed, were hinted at by Mr. Beckford in his celebrated *Letters upon Hunting*, and abandoned by a few of our first-rate sportsmen of, and subsequent to, his day, and particularly about the commencement of the present cen-

tury, by the example of the Earl of Sefton, when he was owner of the Quorndon hounds in Leicestershire, still the ruinous system of the three, and generally four months' run at grass (viz., from 1st of May to the 12th or 20th of August) continued to be practised until these evils were exposed in all their appalling deformity, and the advantages of an opposite system made manifest in a series of letters in the *Old Sporting Magazine*, under the signature of "Nimrod," which have since been published in a separate form, and very widely circulated. We may also add that the effect of this exposure has been nearly a general abandonment of the grazing system in the studs of all men who mean to ride near hounds.

Previously to our enumerating the real advantages of the modern system of "summering the hunter," we will state the imaginary ones of the old one, and which, as may be supposed, are still held to be such by those who reluctantly acquiesce in any kind of reform. First, the purging by spring grass is insisted upon. Secondly, a relaxation of the muscles, and what is called a letting down of the whole system to its natural state. Thirdly, the benefit the feet receive from the dews of the evening, and coming in contact with the cool earth. Fourthly, the saving of expenses. Fifthly, a kind feeling towards the animal, who, they say, is entitled to his liberty for a certain period of the year, also to the free enjoyment of his natural state. And, lastly, the absolute necessity of rest to the limbs, after the labours of the preceding season. We will now make our own comment on each of these presumed facts.

And, first, we admit there is a laxative, and therefore a

cooling, property in early spring grass, but as a purgative it is insufficient, which is admitted by the fact of its having been generally considered necessary to give two doses of physic to hunters previously to their being turned abroad for the summer (thus administering the antidote, as it were, before the poison), and to physic them immediately when taken up. Here, then, is at once an answer to the first objection to the improved system of in-door treatment in the summer, even supposing that spring grass could not be given to a horse in a loose box, whereas it is evident that it can.

Secondly, The entire letting down of the system, by a sudden change of food from that which is highly invigorating to that which is only succulent and relaxing, is neither called for, nor can it be wholesome. It is never had recourse to with the race-horse during his period of inactivity, and why should it be with the hunter? We would ask the owner of a horse so treated, how he thinks it would agree with his own constitution and his *digestion*, to be suddenly taken from beef and port-wine to a purely vegetable diet; and the analogy holds good.*

* In No. 59, vol. v., p. 645, of the *Veterinarian*, we find the Editor coinciding with Nimrod on this point, in his second review of his Letters on Condition. "These pithy and valuable extracts," says he, "at the same time that they serve to expose our author's views in regard to summering the hunter, demonstrate a sagacity and experience on the subject, no less worthy of the admiration of the professional man, than of the sportsman himself. The leading consideration in summering the hunter is to maintain his condition, or rather, we should say, to guard against his losing that which we know, both by education as medical men, and experience as sportsmen, once lost, will require much time and pains to be re-acquired. Change of food is necessarily productive, in the animal constitution, of alteration of structure; though parts cannot be said to change their nature under their influence, yet they do become greatly altered both in texture and in tone."

Thirdly, A great mistake has prevailed on this point, the preservation of the feet. A certain degree of moisture is beneficial to the foot of the horse, a continued exposure to wet most injurious to it, as the certain cause of thrushes, and, in time, total destruction of the frog. Thus, history informs us that the horses in Hannibal's army were rendered unserviceable by travelling many days in succession in very wet ground. But we have better authority here than that of Livy, because it applies to horses which wore shoes, whereas Hannibal's wore none. Mr. Goodwin senior, late veterinary surgeon to his Majesty George IV., in his work on the *Diseases of the Feet* (p. 209, 1st edit.), has the following passage, in allusion to the evils of having the feet of horses saturated, as they must be during a summer, with wet at one time, and then suddenly exposed to a hot sun and a drying wind at another. "I have invariably observed," says Mr. Goodwin, "where horses are turned out to grass during the dry and hot summer months, that on bringing them up to be put into stable condition, their feet are in a much worse state than they were when they went out, dried up, and so hard and brittle, that, on the application of a tool to bring them into a form to receive a shoe, the horn breaks like a piece of glass, and all the naturally tough and elastic property is lost, so that it requires some months to remove the bad effects. If it is necessary that a horse should be put out of work during the hot and dry weather, I prefer a large box or shed, and soiling with green food; by which means two objects are gained, viz., all the *injurious* effects of a drying wind or a meridian sun on the hoof are avoided, which create such an excessive evaporation of the natural

moisture absorbed into the horn from within, that it not only becomes dry, hard, and brittle, but the whole horny box tightens on the sensible parts, and frequently produces great mischief. But in a loose place, moisture may be applied in any desirable way." In addition to the above, Mr. Goodwin says, "Horses at grass are much inclined to thrushes;" which renders it unnecessary for us to say more on this subject at present, although we shall by-and-by offer the result of our own experience in the treatment of horses' feet in the summer.

Fourthly, A saving in expense. This is an objection too trifling to be admitted in opposition to any real advantages. It was calculated by Nimrod* (allowing only 4s. per week to have been the charge for each horse, supposing him to have been summered at grass), that the extra expense of his six hunters summered after his system, which we shall further explain, amounted to only £13 : 18s. The mere chance in favour of exemption from accidents to which horses abroad are liable, is worth more than this inconsiderable sum to the man who keeps six hunters in his stable; but twice its amount would be realized in the sale of any of the six, if offered at the hammer in November, beyond the sum he would have produced had he been summered solely in the fields.

Fifthly, We would go any length in advocating the

* Two tons five hundred-weights of hay, at £4 per ton	£9 0 0
Seventy-one bushels of oats, at 4s. 6d. per bushel	14 4 0
Beans	1 10 0
	<hr/>
	£24 14 0
Six horses at grass nine weeks, at 4s. per week	10 16 0
	<hr/>
	£13 18 0

extreme of kind treatment to so noble an animal as the horse ; but experience has taught us, that neither the open field, nor the shade, is a bed of roses, in the summer months, to the well-bred, and naturally thin-skinned hunter ; for the oestrum, or blood-sucker, pursues him in each ; and the desperate attempts he often makes to avoid them, shows the horror he has of their attacks. But, unluckily for the advocates of this system, one of the greatest evils of the out-of-door system here stares us in the face. If the horse cannot get away from this host of tormentors, his only remedy against them is, galloping from one end of his pasture to the other, or else stamping with his feet against the hard ground, and often against the roots of trees, to scare them from one part of his body, only to settle upon another. The injury to both feet and legs from a daily succession of these operations, may be left to the imagination of the reader ; but against the charge of cruelty, we quote the following remark from *Nimrod's Letters* (p. 268, first edition) : "In the very hot weather" (he is speaking of the summer of 1825, which was remarkable for the intense heat), "I made a few observations, which are not irrelevant to my present purpose, particularly as to the charge of cruelty in keeping hunters in the house in the summer. On the 29th of July, one of the hottest days, the thermometer was one degree higher, at two o'clock at noon, in my two four-stall stables, in each of which three horses had stood for sixteen days and nights, than it was in the entrance-hall of my house, which is 23 feet high, and contains three large windows and six doors, and the aspect due east. Now, will any one tell me, that the most tender

animal could be injured by breathing such an atmosphere as this? But all is not yet told. I removed the thermometer on the same day, and at the same hour, into the shade, and there it was *four degrees higher than in my two four-stall stables*. Here, then, the objection to horses standing 'sweating in the stables in the summer time,' returns to its real insignificance."

Lastly, Upon the subject of rest, and the means of procuring the advantages of it to the hunter by a summer's run in the fields, we cannot do better than quote from the same author. "When discussing the subject," says he (p. 262), "of summering hunters, with a friend who is an advocate for the grazing system, he made use of the following expression:—'I dare say it may be all very well to keep them in the house in the summer, but then they have not the benefit of *the rest* which they get when at grass.' I could not help smiling at this strange perversion of facts; and ventured to ask him, Whether, if he were examined in natural philosophy, and asked, *what is rest*, he would answer, *motion*? and that would not be a whit less absurd. If rest be desirable, as we know it is, for a hunter's legs, after the labours of a winter, surely he must obtain it more effectually in a small confined place, than when suffered to run over a large tract of land, and to stamp the ground with his feet for so many hours each day." Neither does the labour to the legs end here. All persons who have ridden horses whose growth has been forced in their bodies, as that of most hunters has been, must have perceived that, when letting them drink in shallow water, their fore-legs totter under them, in the attempt to reach the water with their mouth. Such is the

case with the hunter, at least with the properly formed one, when in the act of grazing (for the horse prefers a short bite); and the tremour in his legs shows the stress that is laid upon them, to enable him to reach his food. In fact, many horses (and we could name some well-known hunters) cannot reach the ground at all with their mouths, unless it be by the painful position of placing one fore-foot close to their mouth, and the other even with the hinder-legs; and consequently their owners have not been able to turn them out, had they been inclined to do so.

It is now our turn to be heard on this important subject to all owners of hunters; and we proceed to state, that the principal objection to summering a horse abroad, consists in the danger we expose him to by the violent change from a stable at the temperature of 63° (the common one of hunting stables), and the addition of warm clothing, to a bed upon the cold ground on a wet night; or, which often happens in the month of May, to the influence of sharp frost; all this, also, when the animal has scarcely any coat on his back to provide against the effects of bad weather, and with a skin highly porous, from long-continued friction in the stable. As well might we expect to find animals and plants that can sustain the heat of the torrid, and the cold of the frigid zone, as horses to bear those extremes with impunity! On the contrary, it is the confirmed opinion of most veterinary surgeons, that more hunters have been ruined by becoming roarers, broken-winded, or blind, from this cause, than from any other to which they are subjected; and they are backed in their opinion by reason. For it is not necessary that the newly-turned-out hunter should be exposed to either a wet or

a frosty night, to produce disordered functions ; the common exhalations from the ground in the evening are sufficient to produce them, by a sudden constriction of the pores, opened as they have been by the effect of a hot sun during the day. "Heat and cold, moisture and dryness," says Mr. Percival, veterinary surgeon to the First Life Guards, and author of the *Anatomy of the Horse*, in his last work on the Horse (p. 64), when treating on the theory of inflammation, "all in their turn become excitants of inflammation ; their mischievous agency residing more in the vicissitudes from one state to its opposite, than in any obnoxiousness in our climate, from their excess or continuance. They may operate either directly as excitants, or indirectly, simply as predisposing causes." Few veterinarians, indeed, as Mr. Percival expresses himself, now-a-days feel inclined to deny the uncongeniality of cold and wet to the constitutions of horses, or to maintain that they do not very often, in such situations, contract the foundations for disease, which at some future time is apt to break out and prove fatal to them. Nor are the remarks of this scientific practitioner and most perspicuous writer less to our purpose, when speaking of the horse that is turned out of his stable in the winter. "Take a horse," says he, in his chapter on 'Hide-bound' (p. 296), "fat and sleek in condition, out of a warm stable, where he has been well clothed and fed ; turn him, during the cold and wet of winter, into a straw-yard, and go and look at him three months afterwards, and you will hardly recognise your own horse. You will find him with a long, shaggy, staring coat ; a belly double the size it was when in condition ; and a skin sticking close and fast to his ribs, which may now be readily counted

with the hand, if not with the eye." But here the analogy between the horse turned out to grass in the summer, and the horse sent to a straw-yard in the winter, ceases. The latter loses flesh, and becomes hide-bound, both of which will find a remedy in a return to more generous food in the stable, with the assistance of alterative medicine ; and he will speedily resume his condition. But it will not be so with the grass-fed hunter. He has accumulated a load of soft, unhealthy flesh, which must be got rid of at the expense of his legs and feet ; or, in the language of grooms, "it must be exchanged for better flesh, the produce of hay and corn." By feeding *ad libitum*, however, he has so plethorized his system, and trespassed upon his digestive organs, that this is become not merely a work of labour and time, but one of no small risk to the general soundness of his constitution. Nor is even this the extent of the mischief. Under the most favourable circumstances, it is not in the power of a groom, how good soever he may be, to bring the grass-fed hunter into the field, fit to be ridden with hounds, until the hunting season is half expired. For proof of this assertion, we need only go to the race-horse, which cannot be made fit to run under at least four months' preparation, although he has not been at grass since he was six months old. Nature will not be put out of her course by violence ; and horses can only be got into good condition by degrees, by long-continued slow work at first, increasing in pace as their condition increases ; and it has been the attempt to get the grass-fed hunter into something approaching to condition, by hurrying him in his work, under a load of flesh, and with his muscles in a relaxed state, that has ruined thousands of

good horses, by the injury done to their legs especially ; and will ruin thousands more, if persevered in. The change of food, again, has been the cause of more broken-winded horses than any thing else that can be named. "It must dispose," says Mr. Percival, "from its being the chief cause of plethora, to general diathesis of the system ; and so far it contributes to the production of pneumonia, or any other inflammatory affection." To this we may add blindness, the natural consequence of the dependent posture of the head, when feeding, in an animal in the plethoric state that a previously highly-fed hunter must fall into, after being some weeks at grass ; and likewise of constant irritation from flies and sun. Neither should the following remark of Mr. Percival's be forgotten by gentlemen who turn out their hunters during a wet summer. "Cold," says he, "abstractedly from wet, even although it be alternated with heat, is not found to be near so prejudicial as when moisture is present too ; hence we are in the habit of viewing frosty weather as a season of health among horses ; and hence it is that the spring and autumnal months are the most unhealthy, the weather being then moist and variable, and the wind generally in a cold quarter." Again, "Two undomesticated horses," says he, "out of three, under five years old, that are taken from cold situations, and kept in warm stables, will receive catarrh. But even domesticated horses that are advanced in years, and that have been accustomed to such changes, do not always escape, unless some precautionary measures be taken ; for hunters taken up from grass in August, unless due attention be paid to the temperature of the stable, are often the subjects of catarrhal attacks."

Perhaps the summer of 1835 may be produced in proof of the danger of subjecting stabled horses to atmospherical changes. In the first week of June, 78, 80, 82, and 84 degrees of heat were marked by the thermometer. On the 13th, the maximum of heat was 15 degrees less than that of the preceding day ; and on the 23d, the thermometer fell to 47 degrees, succeeded by four days' rain, with wind veering to S.E., back to W., then to N. and N.E., at times furiously high.

We must be allowed two more remarks on the evils of the out-of-door system. Amongst the physical changes which the body is capable of receiving, none is so visibly effected as in the diminished or increased size of the belly ; and the latter alternation of form is speedily effected by a horse eating grass, and nothing but grass. When a man goes into training for a match against time, or a prize-fight, the first act of his trainer is, to reduce the size of his belly ; for, until that is done, his respiration is not free enough to enable him to make such bodily exertions as are essential to augment his natural vigour, and put him into the best possible condition ; and this exactly applies to the grass-fed hunter taken up in August. He has exchanged an active untiring frame for a bloated and breathless carcass ; and nothing can be done with him until, by purging and *severe work*, when he is not in a fit state to endure it with impunity, the nature of his frame is altered from weakness to vigorous health. - But this must be the work of time ; for although Nature will admit of improvement, she will not allow herself to be hurried by the unreasonable innovations of man.

Our next remarks relate to bodily infirmities and local diseases, to which the horse, by the severity of his labours,

is always more or less subject. Several of these, such as splents, spavins, curbs, and ring-bones, are easily checked, if discovered in their incipient state ; but when, by being undiscovered for only a short time, a certain progress is made in them, the cure is far from certain, at all events, more difficult. Now, under the old system of the summer's run abroad, this was most frequently the case. Horses, when taken up, were found to have thrown out those excrescences unperceived, which, as soon as they began to work, caused lameness and disappointment ; whereas, under the improved system of summering the hunter, they could not have escaped the constant inspection of the groom, and an immediate check would have been given to them. The short-cough, vulgarly and stupidly called a "grass-cough," also too often swelled the catalogue of disasters ; and in six cases out of ten, ended in broken wind or roaring. But it may not here be amiss to address ourselves to owners of hunters, who may adopt either one system or the other of treating them in the summer months ; we mean, as regards their legs, the treatment of which now forms a conspicuous feature in the science of the stable, particularly the racing stable. Many valuable animals are ruined in consequence of their owners and their grooms not knowing, perhaps not wishing to know, when their legs are going amiss, and consequently stopping them in their work, before the evil gets a-head. It is irksome, no doubt, to give up the use of a hunter, especially if a favourite one, and in blooming condition ; but it is only by such prudent conduct that we can expect a lengthened enjoyment of his services. It is a lamentable fact that, generally speaking, good-constitutioned horses

would wear out two set of legs and feet, which shows the urgent necessity of taking care of them.

We now take our leave of the old, and we may add, ruinous system of treating hunters in the summer, and proceed to state how, in our opinion (the result of much experience), they ought to be treated in the non-hunting months ; as also to offer a few directions for the management of them when in work. To begin ; we are far from averse to resting the hunter in the summer, although we cannot shut our eyes to the fact of horses working hard for a great many years in succession, without experiencing what is here meant by "*rest*" (namely, not having a saddle on their backs for three or four months), and remaining sound and healthy to the end of a long life. Our great object is, to give the hunter fair play, by preserving, instead of destroying, his condition at the same time that we rest him ; and in this we think, that, by preventing exhaustion in his work when he returns to it, we offer him much more than an equivalent for the fancied enjoyment of his "*snuffing the air in his native liberty,*" and "*making his bed on the cool ground,*" so stoutly insisted upon by many of the old school, who will not march with the times, and who cannot divest themselves of prejudices, how dear soever they may cost them.

The period of "*turning up,*" not "*out,*" hunters towards the close of the season, should depend on circumstances. Those whose legs may be doubtful, should be the first thrown out of work ; and after them old ones, who, how well soever they may go over a country when it is soft, are in danger of breaking down when it becomes hard, as it always does in March, particularly in ploughed countries.

The first act of a groom, when his horses have done their work for the season, is to give them two doses of mild physic, which, by their effect on their legs, will greatly assist him in discovering the amount, if any, of the injury that may have been done to them. Should anything serious exhibit itself, we recommend him (unless he be a first-rate professor of his art) to avail himself of the advice of a veterinary surgeon as to the steps proper to be taken ; and the sooner those steps are taken, the better will it be for his horses. The barbarous, the senseless, practice of blistering, generally the two fore-legs, and often the hinder ones also, previously to turning out, under the old system, is now, we are glad to say, abandoned, not only on account of its inutility, but, by the spread of veterinary science, sportsmen have found out that the application of blisters to healthy legs is injurious. The merely irritating the surface of the skin cannot be productive of advantage ; on the contrary, it often rouses the sleeping lion, which it is afterwards difficult to pacify. As counter-actors of internal inflammation, or as counter-irritants, as they are called, blisters are highly useful ; likewise to all bony excrescences, such as splints, spavins, or ring-bones, when in an incipient state ; but, in order to render them efficacious, they should be repeated till healthy pus is obtained. If judiciously applied in strains, they are also not unserviceable, as they help to unload the vessels near the affected part. Supposing, then, no serious mischief has been done to the legs of a hunter during the season, we thus proceed in our course of treatment of him :—

Previously to stripping him of his clothes, he should go through his second dose of physic, and be treated exactly as

if he were in work for at least a fortnight afterwards, with the exception of his having only walking exercise, a diminished allowance of corn, and the wisp, without the brush, applied to his body. We now arrive at a point on which there is some difference of opinion, at all events, one which must be left to the option of the owner; namely, whether, as is the practice in the stables of some of our first-rate sportsmen, the hunter is to be kept in gentle work throughout the summer, or to be thrown entirely aside for a certain number of weeks, varying from nine to twelve? We will, however, state the best method of proceeding under each of these systems.

The horse kept in work (we should rather have said exercise) during the summer, should be exercised very early in the morning on soft, but not wet ground (a low meadow, or rather a marshy common, for example), that his feet may have the advantage of moisture, and also that he may not be tormented by flies, or exposed to a hot sun. Two hours will be sufficient—the pace to be varied alternately from the walk to the jog-trot. It is desirable that a horse thus treated should not be tied up in a stall, but have the enjoyment of a large loose-house. Of course, attention should be paid to his feet, removing his shoes every third or fourth week; and they should be stopped with wet tow every second night. To those who object to this in-door treatment of the hunter on the score of danger to his feet, we can only say, from our own experience, that their fears are groundless; and we also refer them to the first cavalry barrack they pass by, or even to the stables of our innkeepers on the road, in which they will find feet in the highest state of preservation, that have been subject to in-door treatment for many years. We prefer

damp tow to any other sort of stopping for horses' feet, because, exclusive of the moisture, it affords a uniform pressure to the frog and outer sole of the foot, which is favourable to their healthy state. Indeed, to some of the finely-formed, open feet which we see on first-rate hunters, the soles of which are apt to be thin, this pressure is most advantageous in preventing a disposition in them to become flat or convex, instead of moderately concave ; and for this purpose was the "horse pad," or "elastic stopping," invented by Mr. Cherry, veterinary surgeon of London, which may be preferable to the tow, but not always at hand. When the latter is used, it should be forced into the foot with all the strength of a man's fingers or thumb.

The food of hunters thus summered should be regulated by circumstances. Good flesh, we know, is strength ; but that which is generated in comparative idleness only contributes to weakness. Our object, then, should be to prevent a horse, treated in the manner we now allude to, from throwing up much flesh, and we must therefore feed accordingly, and also study constitution. At all events, three small feeds of oats (we do not feel ourselves justified in recommending beans—although we know some sportsmen give them—except in very peculiar cases, such as extreme delicacy of constitution, a disposition to scour, or throw off food) per day are sufficient for any horse, with the addition of a large, sloppy, bran mash twice a-week. As to green food, we recommend that with caution. We approve of its being given occasionally for three or four days in succession, merely as soiling, to attenuate the blood, not to produce flesh ; and this repeated now and then at intervals, whilst the green meat (be it what

it may) is young, but by no means afterwards. Many grooms mix hay with green food, which, after the first two or three times of giving it, we think a judicious plan. But, be it observed, for reasons we have already given, we object to a hunter acquiring a load of flesh in the summer, the produce of succulent food. A moderate use of alteratives is beneficial throughout the summer to horses which live well, but do not work, as, by their mild and gradual impression, a healthy action of the bowels is kept up, as well as insensible perspiration increased.

The horse *not kept in work* should be thus treated in the summer :—He should run loose in the bay of a barn, or any large covered place where he gets exercise, and breathes fresh air, without exposure to the sun. His physic, food, etc., should be as before directed ; but as he is now unshod, and consequently cannot have his hoofs filled with anything which can impart moisture to them, he should be made to stand two hours every day, under cover, in wetted clay. Unless after firing, or severe blistering, when the sedative powers of cold air are efficacious in checking local inflammation, we prefer the hunter being housed throughout the night, to his lying out even in a paddock, as he is less liable to disease and accidents ; but we admit that the danger of exposure to night air is greatly diminished by his having been kept cool throughout the day, by which he is less susceptible of atmospheric influence, or the alternation from warmth to cold, than if his arterial system had been acted upon by exposure to a midday sun. The sticklers, then, for the “dews of heaven,” and the “bed upon the cool earth,” may here indulge their predilections ; but, for our own part, we give

the preference to the house at night with horses free from disease.

The state of the horses, summered as we have now described, will in great measure resemble each other, although, as may be supposed, the one which has been kept on in his exercise will be most forward in condition. Neither of them, however, will have lost much of their proper form ; but a distinction must be made in our proceedings with them, when preparing them for the forthcoming season. "Suffer a horse to be idle," says Mr. Percival (*Hippopathology*, p. 14), "to do little or no work, and feed him well during the time, and the redundant nourishment floating in his blood will be laid up in the form of fat ; put the same animal to work, and that blood, which otherwise would have been turned into fat, will now be transformed into materials of strength." Here, then, it is evident that the horse which has been kept in exercise will require somewhat of a different preparation to the one which has remained unshod, and consequently idle. The first will require very little alteration in his proceedings until nearly the approach of the hunting season, as he will soon be prepared for quick work ; but it will be by long-continued slow work, increasing in pace as his condition increases, that the second will be quite himself again, from the relaxed state of his muscles, somewhat redundant flesh, as well as his distended belly. In either case, however, there will be no occasion for all that physicking, galloping, and sweating, to get rid of bad, superfluous flesh, that the grass-fed hunter has been subjected to ; for if the groom has done his duty by them, neither of these horses will have accumulated much more flesh than we like to see on hunters when they first

begin to work, and when that flesh is good. We would have our second horse, the unshod one, taken into his stable early in August ; and during the latter end of that month and the next, in addition to his daily exercise, he should, about three times in a fortnight, have a gentle sweat in clothes, which is best effected in a trot, in a large fallow field that has been lately harrowed down, and which is firm, not soft, to the tread.

But we fancy we hear the question asked, Is it not necessary to give physic to all hunters when the summer is past, and previously to their taking the field again in the winter ? We answer, No. The principal end of physicking hunters is to allay excitement, occasioned by severe work and high keep ; and the next, for the benefit of their legs. Thus, for example, as the first-named horse (the one that has been in gentle work throughout the summer), will not sweat so easily as the unshod one, a light dose or two of physic may be serviceable to him during his first preparation for the field, say in August or September, as the means of saving his legs, should he be a strong-constitutioned horse, and have thrown up too much flesh. But there is no absolute necessity for physic at this period to horses that have been properly treated throughout the summer, and not suffered to get foul or fat ; and it will be given with more advantage to them after they have been some time at work, or nearer to the commencement of the hunting season, which, after the manner of the racing stable, may be termed a second preparation. We think, however, we cannot do better here than to quote the following passage on this subject from the April No., 1835, of the *New Sporting Magazine* (vol. viii. p. 353), as the ideas exactly correspond with our own :—

"To horses summered in the house, physic is now only administered when it is wanted, as is the case with the race-horse ; and the groom or his master ought to be able to say *when*. There are many directing symptoms with horses in work, which cannot escape an observant eye ; and we do not, as formerly, wait for the swollen leg or the running sore. The barbarous practice also, of three doses in succession (as was the practice with the grass-fed hunter on being stabled), 'the first to stir up the humours, and the last to carry them off,' with two strong urine balls to wind up, by way of a remedy for consequent debility, is also happily exploded. The strength of the dose is likewise greatly diminished, and consequently all danger is avoided. We take upon ourselves to say, there is no more risk attending administering physic to a horse, than there is in giving him a pailful of cold water, perhaps not so much ; that is, provided the drugs are good, and well put together. We, however, strongly recommend all sportsmen and others to obtain physic from the profession, as veterinarians bestow much attention on the making of it up, and obtaining the best aloes, in which there is much difference. The sooner it passes off the better ; and this will be much expedited by three loose bran mashes on the day preceding the dose, and exercise previously to its working. Recollect there is no virtue in this case in the aloes, beyond doing its duty in clearing and cleansing the bowels. Calomel, when administered to the horse, should not be hurried, as it is intended to act upon the system, and should therefore be given twelve hours previous to giving the purge. Horses whose bowels are difficult to be moved, should be kept short of hay a day or two before they are physicked, with an

additional allowance of bran mashes, and encouraged to drink before they experience nausea."

It may, perhaps, be well to state the "directing symptoms" for administering physic to the hunter, which are thus detailed by Nimrod :—"Among the distinguishing symptoms of foulness in a hunter are these: He appears unwell, without any specific disease; his mouth is hot, his eyes look dull, and sometimes yellow; his coat loses some of its usual gloss, and stares between the hip-bones, and on the poll of the neck; his appetite frequently remains good, but he is more than usually anxious for water; his heels are scurfy, and sometimes crack; he stales often, but a little at a time; his urine is highly-coloured, and his excrements hard, and often covered with a slimy fluid; he is dull when at exercise, and frequently coughs without any appearance of having taken cold; he loses flesh, and looks dry in his skin; his legs and ears are often cold, the latter frequently wet after exercise, and sometimes deprived of part of their natural covering; his crest falls; the whole tone of his system appears relaxed; and, without his groom exactly knowing why, he is not the horse he was a week ago."—(*Condition of Hunters*, p. 173.) To this we have nothing to add, unless it be to congratulate owners of horses on the terrors of physicking them having vanished with the present improved method of administering the doses; and on the fact, that only a few days cessation from labour is now required to afford them this relief. We should say, that a hunter is never more fit to go through a sharp run, than on the tenth day after his physic has "set."

But we do not consider that we can close this part of our subject without a few words on the treatment of the grass-

fed hunter, as there are still some who yet abandon him to shift for himself in the summer, and are content to see him return to his stall in August, the very reverse of what he was when he left it in May. Nor is this the worst of it. He cannot be reinstated in the condition in which he was when he went out in May, until hunting is three parts over the following season. However, we will lay down what we consider the most likely plan to pursue, to fit him for the work he is intended for :—

From the redundancy of blood and humours, and distension of bowels beyond their proper size, which the grass-fed hunter acquires, all violent exertion must be avoided, until such obstructions are removed, which must be the work of time. It is in vain to attempt to hurry a horse in this state into condition, but the first step taken should be to have him clipped, for reasons which we shall presently give. Long-continued slow exercise is the chief agent in hardening his muscles, and strengthening his organs of respiration ; but all galloping when in the state in which he will be for the first two months, to get off his flesh, is very highly to be reprobated, as his legs will surely suffer by it, if nothing else does. Two light doses of physic may be useful to him, if he have had none given him at grass ; and care should be taken not to use the brush to his coat till the month of November be past, in case he should not be clipped. Again, veterinary science has informed us, that danger always accrues to horses in the vicissitudes of heat and cold, from one state to its opposite, but more from the latter to the former, as an excitant to general inflammation. Horses taken from grass, then, should be put into very cool stables, and the fewer in

one stable the better, for at least the first month. Windows should be left open day and night, merely taking the precaution of coarse matting, or anything else that will stop the entrance of flies ; and nothing does that better than matting, frequently saturated with water. Having been clipped, and kept out several hours in the day in slow work (which, by the way, grooms are too often shy of), increasing his pace gradually as his condition progresses, the grass-fed hunter may be brought fit to look at by the first week in November ; but he will be at least by a stone a worse horse than he was when he was turned out. We are no friends to quacking in either man or beast ; but, knowing that mischief to horses so frequently arises from a long respite from work in the winter, unless some preventive measures are had recourse to, we recommend the repetition of a light dose or two of physic to the grass-fed hunter during frost, or even during open weather, about Christmas.

Having recommended the fashionable operation of clipping to the grass-fed hunter, we will give our reasons for having done so. Nine horses out of ten, treated as he has been treated in the summer, break out into a cold sweat, after work, during the first part of the season, the natural consequence of debility ; and the dew on their coat has all the chilling influence of a wet blanket on their body. The removal of the coat by the scissors, then, although it is no remedy for the former, prevents the ill effects of the latter ; which, by producing cold on the surface of the body, occasions a determination of blood to the lungs, or other important viscera, and is a great enemy to condition. Although we deny the necessity of clipping a horse that has been

properly summered (for, admitting that he may have a long coat, he will not in that case break out after work), we allow it the merit of expediting condition, by giving increase of bulk, and promoting the vigour of the horses' renovating powers ; and, therefore, in this case useful. Looking at it, however, in another light, we find many objections to it ; amongst the greatest of which is the deprivation of the protection of the coat or hair, to an animal so much in want of it as the hunter is, and therefore an outrage on nature. In fact, it is, to a certain degree, a substitute for good grooming, and as such will continue to be in favour with many grooms, as also with such of their masters as submit to be dictated to by them, or who may pay too much regard to appearances.

Having alluded to grooms, a remark or two may not be ill placed. Such of them as have the care of large studs cannot be expected to work, but to overlook those who are under them ; and their responsibility is considerable. There is much in the choice of helpers ; for none but persons who have narrowly watched it, are aware of the effects of a good dressing to a hunter, not merely in having his skin cleared from impurity, and in improving its elasticity, as well as the tone and colour of the hair, which may be termed the complexion of a horse, but it greatly promotes general health by its effect on the circulation of the blood, as well as all other secretions, and in bad weather is a substitute for exercise.

Good stables are indispensable to the well-doing of hunters, equally so with a comfortable house and a warm bed to those who ride them. Even the veterinary professors have at length acknowledged the benefit of the genial warmth of a stable to horses at work, although, in common with our-

selves, they insist on the necessity of well-ventilated stables. No doubt it is injurious to any animal to breathe an under-oxygenated air, and the effluvia arising from animal excretions are injurious to eyes and lungs. A hunter should live in a temperature of about 63° of Fahrenheit in the winter, and as much below that point as it can be made in the summer, by means of exclusion of the sun, open doors, etc. But it is essential that a stable in the winter should not only be warm but dry ; and if not dry, the ground under and around it should be drained. A delicate horse never arrives at perfection of condition in a damp stable, and it operates powerfully against all others, often being the cause of fever in the feet. Stalls should not be more than six feet wide, nor raised towards the manger ; but there should be a slight inclination in the flagging towards the centre of them, to enable the urine to find its way to a drain, which there always ought to be, as it contributes much to cleanliness, and consequently to health. "Loose places," or "boxes," as they are termed, are most desirable for all horses after severe work, and nearly all veterinary surgeons (more especially the late Mr. Turner, to whom the public is so much indebted for his illustration of the navicular disease in the foot) have given it as their opinion, that if all horses were suffered to lie loose after work, there would not be half the cases of lameness in the feet that now occur. Desirable as such treatment may be, it is universally impracticable, on account of the space which large studs would occupy ; but every sportsman should have boxes about his premises, and his hunters should be invariably put into them for two or three days after work. To their general use there is one objection,

although not a serious one. Horses always lying loose are apt to refuse to lie down in stalls, when removed to premises where boxes cannot be had, but they become reconciled to them after a few days. It is, however, the opinion of a celebrated sportsman that if a hunter should have stood his work ten seasons being always tied up, he would have stood it twelve if he had lain loose.

We quote the following extract from *Nimrod on Condition of Hunters*, on the subject of warm stables. After proving, by the fact of the horse degenerating in all cold countries, that warmth is congenial to its existence, he thus proceeds :—"They who attend to such matters will find that the constitution and habit of a horse undergo a change when kept in a warm stable, favourable, no doubt, to the work he has to perform as a hunter in the stable of a hard-riding man. He is not that gross animal which he might otherwise be, if a hard feeder, and kept in a state more nearly approaching to a state of nature. This we may attribute to the increase of insensible perspiration occasioned by increased circulation, whereby the grosser particles of the body fly off and are got rid of. In this state he would bear some comparison with a well-fed English farmer, when put to perform feats of activity with a man of more refined habits of life, where nineteen times out of twenty he would be defeated." Again : "As there is an analogy between a man and a horse in work, let us carry it a little further, and ask, Whether, after a hard day's exercise in the winter, a man would recover sooner if he passed his evening in a warm room, or if he passed it in a bivouac, or in a room that was cold and damp." He concludes, by giving it as his opinion, that if

it be possible to get a horse to look well in a cold stable, it is not in the power of a groom to put him into the height of condition in a damp one ; and in this we heartily concur.

We subjoin Nimrod's plan of stabling for six hunters. "I would have," says he, "two four-stalled stables, in which I would keep only six horses, that is, three in each ; and I would have a box at the end of each. If possible, I would have a southern aspect, with windows opening from the top or downward, or else on a pivot in the centre, and placed so high in the wall, that, when open, the air may be circulated through the stable, without affecting one horse more than another, and the height of the interior should be only twelve feet in the clear. I would have the stalls paved nearly flat, with only a trifling inclination to the centre ; in each of which there should be a small grating over the drain, and the stalls should be no more than six feet wide. There should be at least twelve feet behind the horses, and the exterior walls and doors should be very thick. The wooden partition walls of the boxes should be only nine feet high, with wooden bolts to the doors ; and each box should not exceed 10 feet square. The saddle-room, well fitted up with saddle-cupboards, boiler, etc., should be in the centre of the building ; in the front of which there should be a passage, under cover, for horses to stand in when their legs are washed. Of ventilation I say nothing, that being a matter of course ; but I would have the sides of the stalls nine feet high at the head, with small iron racks, and pillar-reins for each horse to be dressed in. I should be very particular about the stall-posts, for these are frequently the cause of severe injury. When I went to see the king's stables at the palace

at Pimlico, I was astonished to see almost every other horse in them with capped hocks. On inspecting the stall-posts, I perceived the cause. They were of fluted stone, and with angles, which proved that Mr. Nash (the architect) knows nothing about the inside of stables. Stall-posts should be made of wood, quite smooth and circular; and they should extend to the ceiling, or be at least ten feet high."

PADDOCKS.

Some persons turn their hunters into the fields in the summer, because they have no small paddocks, or any outlets to their buildings, and are averse to their horses remaining all the year round in the house. Nothing, however, is easier than making temporary paddocks, or outlets that will restrain stallions, or any horse that may be put into them, without the chance of their breaking out of them. Let a small space, say 30 or 40 yards, be hurdled around, and the hurdles lined with faggots reared up from seven to eight feet high. The faggots will be all the better for the exposure to the air during a summer; and as horses cannot see through a fence of this sort, they will never attempt to break through it.

FOOD.

The proper feeding of hunters has much to do with their condition, and likewise with their remaining sound. Food should be proportioned to work, and it should also be of the very best quality. Hay that has been much heated in the stack is above all things to be avoided, as, from

its powerful diuretic properties, it debilitates, and creates thirst; and mow-burnt or heated oats are equally productive of mischief. Eight or ten pounds of hay per day are as much as any hunter should eat, and that which is produced on dry upland ground is best. Indeed, we are far from thinking that rich meadow hay, finely scented as it is, and apparently so full of nourishment, is fitted for any description of horse that is required to go fast, and we are quite certain that thousands of horses are destroyed annually by the effects of hay and water. The latter cannot be too soft, and when not so, it should be kept in the stable some days previous to use, and with a small portion of bran in it. Mr. Percival (*Hippopathology*, p. 25) mentions forty-nine horses being killed in one stud, in France, by a disease produced by eating bad hay and oats.

But nothing puts the groom's knowledge of the art of feeding hunters more to the test than the management of such as are either naturally thick-winded, or afflicted with chronic cough; and as in man the digestive organs are oftener than any other disordered, so the respiratory organs in the horse are the most common seat of disease. It is, however, in the power of a groom, by great attention to feeding, keeping the habit of body from becoming foul and plethoric, and well regulated work, to make horses of this description tolerably fit to go with hounds; whereas in bad hands they would be nearly useless, at all events dangerous to ride. Such horses are generally hearty feeders, and when so, should have a setting muzzle, as used with race-horses, put on them on the night before hunting, unless they have been out with hounds within three days. Water also should be

sparingly given to them on that day, and not after three o'clock P.M. Frequent mild aperients, or alterative medicines, are very efficacious here; for, as in the human subject the lungs often become the seat of disease as a second cause of indigestion, the state of the digestive organs should be minutely attended to with horses of this description.

A broken-winded horse is never seen in a stud of hunters; but Nimrod's remark on this subject is in accordance with what we have now written upon it. "Most veterinary surgeons," he says, "attribute this disease to the consequences of high keep. Here, no doubt, they are in a great measure correct; but if good grooming were not for the most part a match for the effect of high keep, what would be the fate of our race-horses, which eat almost as much corn as they can swallow from the first month of their existence? Amongst them a broken-winded horse is a rarity."

Many nostrums are prescribed for thick-winded horses—amongst them, carrots in the winter, and green meat in the summer. We approve of a few carrots in the winter, but object to green meat, unless in small quantities. Is not flatulency the distinctive feature of a disordered respiration? And what promotes that equally with loading and distending the stomach with green food? The small dimensions of a horse's stomach evidently show what nature intended him for, namely, *to go fast*; and the pathologist would very soon convince us that, in proportion as that organ is distended, will the respiratory organs be oppressed. Hence the indispensable practice of not allowing hunters their usual allowance of food and water on the morning of hunting; as also of putting the setting muzzle on the racer the night before

he runs. The food most proper for all horses, but particularly for such as are not perfect in their wind, is that which contains most nourishment in the smallest compass or space.

But we must not overlook the treatment of the *sound* hunter before and after hunting ; as we consider the lives of more than half of those hunters which have been lost from the effects of severe chases, to have been lost from want of knowledge of how they should have been treated, at either the one or the other of these periods. Nimrod, in his letters on this subject, doubts whether it be in the power of hounds to maintain a chase long enough to cause the death of a horse, fairly ridden with them, provided that horse have been properly treated in the summer, and is in what is called strong work, or quite fit to go, on the day of the run. Without stopping to argue this point, which is not capable of proof, we will proceed to show in what state a hunter ought to be taken into the field, to meet fox-hounds, giving him fair play ; and the man who takes him there when not fit to go, must always be prepared for the consequences.

We consider a hunter, in proper condition, equal to at least three days' hunting in a fortnight, taking the average of sport, which will, of course, at some certain periods, send him oftener into the field in one given time than in another, as, after a severe day, he should have a week's clear rest. But since the second-horse fashion has been so general, it is impossible to speculate on this point, as it so often happens that one of the two horses the sportsman sends to cover, returns home without having done much. The chief point, however, to be insisted upon is, that the hunter should have a good gallop, causing him to sweat freely, on the day before

he goes to hounds, and if for half a mile on rising ground, it will be more favourable to his wind. His food on that day should also be attended to, in reference to his constitutional peculiarities; for, if not the best-winded horse in the stud, or given to throw off his meat on his road to cover, he should have no water after three o'clock the preceding afternoon, with the exception of a few swallows to make him relish his corn, on the morning of hunting. Sending hunters out now with full bellies has no excuse; whereas one was found for it, when they left their stables five hours sooner in the morning than they do at present, and returned to them often five hours later. We allude to past days in which there were few artificially made covers, and when foxes were found by the "drag," through long chains of woods, and certainly ran over much more ground than modern foxes do, which, being generally bred near game preserves, run shorter, and are not so stout as formerly.

AFTER HUNTING.

The treatment of a horse now will depend on what he has been doing. If not a severe day, no further notice of him is requisite than to ascertain whether he feeds as usual; and if not, an alterative ball,* with a liberal allowance of tepid water, will soon restore his appetite, by allaying the over-excitement that has checked it. It is after a severe day's work that danger to a hunter is to be apprehended,

* The following alterative and sedative medicines are found efficacious at this time:—Cinnabar of antimony, 3 oz.; balsam of sulphur, 2 oz.; camphor, 1 oz.; nitre, 4 oz. To be made into ten balls; one ball a doze. These are known among grooms by the term "red balls."

the consequence of over-excitement of the vascular system, and he should be in this case narrowly watched. If merely fatigued, such are the restorative powers of the animal, rest, in a large loose box, with an hour's exercise daily in the open air, will soon bring him about ; but we should be on the alert against fever. Here, however, we generally have notice,—some directing symptoms which cannot be mistaken, such as hurried respiration, extreme thirst, restlessness in his stall, a considerable relaxation of the muscles in the interstices of the hips, reddened eyelids, and a quick pulse. But unfortunately for hard-riding sportsmen, it too often happens, that such is the rapidity with which what is termed accidental inflammation takes place in the horse, that the most prompt measures will not always arrest its progress, and the most common termination of it here is in the feet. Not only does the animal suffer great pain, but should he not cast his hoofs entirely (the fore-feet are most commonly affected), he becomes what is called pomice-footed, and of no value afterwards as a hunter. Knowing this to be the case, we are advocates for some prophylactic measures to be taken after a very hard day ; something repellant and sedative administered, which may not only prevent an inflammatory attack, but, by cooling the system, and consequently restoring the appetite, enable the horse to go sooner into the field again, than if he had been entirely abandoned to his own restorative powers.

But the most critical period with the over-ridden hunter is when he first appears to show distress, which he often does on his road home, or even before he quits the field ; and here mistakes have been made, which have caused the

death of many a good animal. In the first place, his rider fancies it necessary to drag him home, perhaps many miles on a cold winter's evening, to "his own comfortable stall," than which, just at this time, a large and cold stable, and the first he could be put into, would be far more beneficial to him. Again, he says, "I'll not do any thing to him till I get him home, when I will have him bled;" whereas, since all horses that die from exertion beyond the limits of vital power, die from suffocation, it will then be, in all probability, too late, as *instant* relief is wanted. A stimulating cordial is likewise at this time good (a pint of sherry as good as any other), but both are bad if inflammation has commenced; also keeping up a strong determination of blood to the surface by friction of the body, head, and legs, with warm clothing afterwards on the body and head; a well-littered down stall, with plenty of fresh air. A gallon of blood should be at first drawn; and if the increased action of the heart and arteries continues, the horse should be well blistered behind the elbows, and lose another gallon of blood. Blood-letting from the foot veins is also highly to be recommended in cases of extreme exhaustion, after a hard day with hounds. It is a very simple operation, and can never do harm; but we advise it to be performed by a veterinary surgeon.

They who have never before experienced it, may be alarmed by an inward noise in a distressed horse, which may be mistaken for a beating of the heart, whereas it proceeds from a convulsive motion of the abdominal muscles, or muscles of the belly. It is, however, a symptom of deep distress, and is only relieved by relief given to the lungs, by bleeding, and other preventive means.

TREATMENT OF HORSES' LEGS.

We have already said that the management of horses' legs forms part of the science of the stable, and a most important part too. It is nowhere so well understood as in racing stables; but from the violent nature of his work, the hunter is equally indebted to it. The barbarous practice of blistering all fore-legs previously to turning out is now happily exploded; but as in less violent exertion than following hounds, a certain insecurity from accidents is inseparable from the delicacy of all animal structure, the legs of hunters will occasionally fall amiss. It being useless, however, without stating the extent of the injury, to talk of prescribing remedies, we have only to state, that a very efficient one has been found for the torturing one of firing, in many cases where the actual cautery was considered as the only one. For example, for ligamentary enlargements, cases of enlarged joints, tendons showing symptoms of giving way, or any other appearance in the limbs, of a departure from their primitive tone and vigour. This consists in the application, during the non-hunting months, or any other period of rest, of the mercurial charge, in either of the following forms. It consists of the common mercurial *plaster* (not *ointment*) of the shops, made up according to the London Pharmacopœia; and in the proportion of half a pound to a leg, applied in a warm and consequently liquified state, and when covered by deer's hair, bound to the limb by means of a linen roller. At the end of a fortnight, the stitches of the bandage being decayed, the charge will slough off, when another, if necessary, is put on. It is to the highly absorbent property of mercury

that the benefit here derived is to be ascribed ; and it is no small recommendation to it that, in addition to the general restoration of the limb, the painful operation of the actual cautery, as also the blemish occasioned by it, are avoided. Major's remedy has also of late years very much superseded firing, and has been applied with great success to the Reiver, Scythian, and several other capital race-horses. It requires, however, to be applied by a very skilful hand, as it has played sad havoc with hair and hoofs, where the operator has not understood his business.

It is, however, a well known fact, that hunters will work and stand sound, for many successive seasons, with legs apparently much out of form. Enlargements take place in the sheath of tendons after strains ; also from blows, where the parts become lined by a thick coat of lymph ; and sometimes the body of the bone itself is found thickened, from a deposition of bony lamina over the original bone. When all this has been in progress, we question the propriety of any active measures, unless, as is generally the case, a feeling of soreness is expressed after work, by a shifting, or favouring of the limb or limbs in the stall ; or by a "feeling" manner of going on first quitting the stable. When legs are really callous, little impression can be made upon them, unless by active measures ; but physic, rest, and good grooming, are the best preservatives of these most essential members of the horse's frame ; with the friendly auxiliaries of hot-water, flannel bandages, and loose boxes, after severe work, and good shoeing at all times.

THE FOOT.

Owners of valuable horses may congratulate themselves on the assurance that, by the aid and extended influence of veterinary science, they have no longer to apprehend injury to the feet from the mere application of shoes. On the contrary, they may rest satisfied that, provided no internal disease attack them, from over-excitement by work (and that often is created on ground where shoes would be unnecessary, such as crossing a very deep country), they will be not only as sound and healthy, but *in better form*, from having been properly shod, than if they had not been shod at all. Some hoofs, however, having a greater disposition to secrete horn than others, and thus called strong feet, should never remain more than three weeks without being subject to the drawing knife of the blacksmith (the ruinous butteris is now put aside), and the shoes properly replaced. Neither should stopping with damp tow be omitted ; as moisture, *not wet*, is beneficial to the health of the foot. Here then, again, are at once apparent the evils of the out-of-door summering of hunters. The foot of a horse so exposed, is at one time saturated with wet, and at another exposed to a drying wind and a burning sun, the contractile powers of which upon horn are too well known to require comment. Do what we may, however, horses that are required to "go the pace" will always be more or less subject to diseased feet, quite unconnected with shoeing ; and against such diseases there are but two precautions on which much reliance can be placed :—First, let hunters be well prepared for their work, and properly treated after it ; and, secondly, let them have sufficient obliquity of pastern-

joint (in our opinion one of the most important points in the whole structure of the horse), to break the force of concussion ; which, together with over-excitement of the vascular system, is the parent of that irremediable disease of the navicular bone, formerly called "founder ;" and by the wiseacres of old times, "chest-founder," because the muscles in that part wasted, from the inability of the suffering animal to exert them. The posture of a horse in his stall, when afflicted with this complaint, or fever in the feet, is too characteristic to be mistaken.

We have only one more remark on shoeing. In following hounds across deep countries, hunters are apt to strike a hinder-foot against a fore-foot, and inflict a severe wound. There have, indeed, been many instances of the total separation of the back sinew by this, often unavoidable act, particularly in leaping brooks. It was formerly very generally believed, that the blow was inflicted with the *toe* of the hinder-shoe, to obviate which, shoeing smiths were ordered, by hunting grooms, to let part of the hoof protrude over the front of the shoe, but still the evil continued. It was, however, asserted, in the letters of Nimrod, that it was by the *inside edge, or the rim of the hinder-shoe*, and not by the toe, that the act of over-reaching was performed. This was at first doubted, but experience has confirmed the assertion ; and we have reason to believe, there has not been an instance of serious mischief by *cutting*, from an over-reach, since the inside edge, or rim has been rounded off, or bevelled. Indeed, a moment's reflection would dispel all doubts on the subject ; for the obtuse form of the toe of a horse-shoe could not inflict the severe wounds we have seen

inflicted (often cutting off part of the fore-heel); whereas the inside rim of a worn shoe is nearly as sharp as an ordinary knife. Besides, the act is performed *after* the hinder-foot has over-stepped the fore-foot, and therefore cannot be performed by the toe, but in the act of drawing the hinder-foot back, after it has overstridden its bounds. Bruises from over-reaches still occur, which, though sometimes serious, are comparatively, with cutting, harmless, as fomentation and a few days' rest will effect a cure.

The action of the hinder-leg reminds us of one useful hint to grooms travelling hunters on the road. If we follow a well-formed horse, with the free use of his limbs, on a road upon which his footsteps are imprinted, we shall find the hinder-foot oversteps the fore-foot in the *walk*, but falls behind it in the slow *trot*. Exclusive of relief to the muscles by change of action, then, it is safer to vary the pace from a walk to a slow trot on a journey, as causing less fatigue to the hock-joint, by which curbs and spavins are frequently thrown out. Add to this, the slow trot is the safest pace a horse goes, because his step is shortest.



HORSEMANSHIP.

As to the question, Who was the *first* horseman ? it would be in vain to inquire, for even the writers of ancient fables do not agree upon the point. By some it is pretended that Bellerophon first mounted a horse ; that Pelethronius first bridled him ; that he was harnessed by Erichthonius, and fought upon by the Centaurs of Thessaly. But quitting fiction, we learn from the Sacred Writings, that to Egypt we are indebted for the equestrian art, from which country, by the aid of the colonists who emigrated from it and from Phoenicia, it was introduced into Greece (perhaps by Erichthonius, fourth king of Attica), where it attained to great perfection. Although there was no cavalry employed in the Trojan War, equestrianism must have been much practised and well understood in Homer's time, which is at once proved by a reference to his works. In the fifth book of the

Odyssey, the shipwrecked Ulysses, tossed by the waves on a plank, is compared to a skilful horseman on an unruly steed; and in the fifteenth *Iliad*, we find one man managing four horses at once, leaping from the back of one to another, at their full speed. Herodotus (in *Thalia*) speaks of hunting on horseback in the time of Darius, even descending to the particulars of an accident in the field to the noble satrap of Persia; and likewise the same writer (in *Melpomene*) mentions the Amazonian women hunting with their husbands on horseback. Xenophon also says that Cyrus did so, when he exercised himself and his horses. Again, with reference to those early times, we should not pass over the introduction of horses and horsemanship into the public games of Greece, and particularly the Olympic Games, which, according to an expression of Pindar, as far transcended all the others as gold is superior to the baser metals.

From the same authority we learn, that the Ethiopians and inhabitants of India, as cavalry, formed part of the expedition of Xerxes against the Greeks. But it appears that the Arabs and the Parthians, who afterwards became so famous for their equestrian accomplishments, were ignorant of the art at the period in question; at least both these nations fought under Xerxes, the former on camels, and the latter on foot. The Persians were more celebrated for their horses than for their riding. According to Athenaeus, they were more solicitous of their ease and safety, than anxious for reputation of boldness and dexterity in horsemanship. The Scythians and the Sarmatians were both famous about this period, as well for their breed of horses as for their skill in riding them. In fact, so renowned were the former

people, that, according to Gibbon, they were supposed by strangers to perform the ordinary duties of civil life on horseback ; "to eat, to drink, and even sleep, without dismounting from their steeds."

The people of Mauritania, Numidia, Massilia, Nasamonia, and other adjacent parts, are also spoken of as having possessed breeds of excellent horses, but were still more distinguished for their singular mode of managing them (on the authority of Livy, and Caesar) without the aid of a bridle, and even in battle by means of a small switch or wand, turning them to the left by striking on the right side of the head, and *vice versa*; and stopping them by striking the front of the face. These practices are also confirmed by Ausonius, who celebrates the Emperor Gratian as having excelled in them. All we have to remark here is, that we are glad such practices are abolished, not only on our own account, but for the sake of horses, who must have been greatly tortured before they were brought to such a state of obedience as to be ridden *infraeni* (without bridles), as Virgil says of the Numidians, and this in the confusion and excitement of a battle. There is an elegant passage on this subject in Lucan's *Pharsalia*, descriptive of the several tributary nations which Juba took into the field in the cause of Pompey, against Curio's army, which he entirely defeated.

"Autololes, Numidæque vagi, semperque paratus
In culto Gætulus equo," etc.

Thus translated by Rowe :—

"With him unnumber'd nations march along,
Th' Autolole, with wild Numidian throng;

The rough Gaetulian, with his ruder steed;
The Moor, resembling India's swarthy breed;
Poor Nasamons, and Garamantines join'd;
With swift Marmaridans, that match the wind;
The Marax, bred the trembling dart to throw,
Sure as the shaft that leaves the Parthian bow;
With these Massilia's nimble horsemen ride;
They nor the bit, nor curbing rein provide,
But with light rods the well-taught coursers guide.
From lonely cots the Lybian hunters came,
Who, still unarm'd, invade the savage game,
And with spread mantles tawny lions tame."

The Greeks transmitted the art of horsemanship to the Romans, who soon equalled, if they did not excel, their instructors; and nearly one of the first public acts of their first king was to establish the equestrian order, the second order in Rome; the *equites*, or horsemen, being placed far above the commonalty, and next to those of the highest quality and fortune in the state. In short, were proof wanting that horsemanship, as an accomplishment, was held in the greatest esteem in the early ages of the world, it would be found in the fact of the accomplished Cicero (*De Off.* lib. ii., c. 13) telling his son Marcus, with the vanity that now and then breaks forth in the splendid effusions of that great man's pen, that the eyes of the world were upon him, on account of his father's fame; and that he had received the praise of the whole army for his excellence in *riding*. But the exercise and art of horsemanship occupied much of the study and attention of the Roman youth; and we find Horace inviting them to the practice of it, in the eighth ode of the first book.

Descending from the heroic ages, in which the earliest history we possess informs us the art of horsemanship was in full force and vigour, to comparatively modern times, the first notice we find in our own history of the art of riding horses is in the tilts and tournaments ; the earliest mention of which we find in the French historian Nithard, who reports, that, at an interview which took place at Strasburg between Charles the Bald and his brother Louis of Germany, the followers of both these princes fought on horseback ; and, by way of marking the period, it may be observed, that Charles the Bald succeeded to the throne of France A.D. 840. Ducange affirms, that these combats were for some time peculiar to France, and expressly called French combats, *conflictus Gallici*. Scarcely anything distinct, however, is known about them till we find them practised in England, about the year 1140, in the reign of Stephen, after which time they became general all over Europe, particularly in England, where they were displayed on all great occasions. The spots most famous for them in London, were the Tilt-Yard, near St. James's Park, and Smithfield ; which the neighbourhood of the latter place confirms, by the names of the streets, such as "Giltspur," "Knight-rider," and so on. They are also known to have been practised on the spots now called Cheapside, Barbican, and Bridewell, and to have been exhibited in considerable splendour in various parts of the country besides, which a reference to Sir Walter Scott's romance of *Ivanhoe* will show. These were the days when "to witch the world with noble horsemanship" was one of the chief accomplishments of a gentleman ; in which the management of the horse and the lance was amongst the principal requisites of knighthood ;

when the contest, both in real and in mimic war, was decided by the superiority of such means ; the days of chivalry, in fact, which, as a well-known historian says of it, in his portrait of the character of a perfect knight, the accomplished Tancred, “inspired the generous sentiments and social offices of man, far better than the base philosophy, or the baser religion of the times.”

Not only is good horsemanship well suited to the pith and nerve of the English character, but it has always been considered as one of the corporeal accomplishments of a gentleman. Thus Clarendon, in his character of the Duke of Newcastle of his day, says of him, that “he was a very fine gentleman, active, and full of courage, and most accomplished in those qualities of *horsemanship*, dancing, and fencing, which accompany a good breeding ; in which his delight was.” But there are other than mere personal advantages attending good horsemanship. It is the habitual contempt of danger that ennobles the profession of the soldier ; and horsemanship, as practised in England at present, and with the *esprit de corps* of the several hunts, tends much to the same end. Those who pursue it in the field, learn to expose themselves to danger with less reluctance, are less anxious to get out of it, or given to lose their presence of mind when in it, than persons whose pursuits have been of a different turn ; in fact, it may be said to increase natural courage. It was with this view, that the late Duke of Wellington always gave every facility to officers who wished to hunt or ride steeple-chases. Such persons, again, as merely ride on horseback for exercise, find in it the great preservative of health. Nay, more than this, persons of tender

constitutions have surmounted the weakness of their nature entirely, by horse-exercise and hunting ; in proof of which, many cases could be quoted. The following, of a patient of the celebrated Dr. Sydenham, is perhaps as conclusive as any other :—A gentleman, a relation of the Doctor's, who was brought so low by consumption, that there appeared to be no possibility of a recovery by medicine, was induced by him to try horse-exercise, and a journey to his native country. On leaving London, he was so weak as to be lifted on his horse, and was refused admittance to the first inn he stopped at, being supposed to be in a dying state. Notwithstanding, he persisted in riding, by easy stages, to Exeter, and gained so much strength by the way, that though one day his horse lay down with him, in some water, and he was forced to pass many hours in his wet clothes, he not only sustained no harm by the accident, but arrived at Exeter greatly recovered. Thinking he had gained his point, he left off horse-exercise, and had a relapse ; but, on betaking himself again to the saddle, he obtained a perfect recovery. Nimrod, in one of his hunting tours, says,—“ My time was almost divided between my saddle and my bed ; but I never knew what it was to be fatigued when I lived temperately, and went early to rest. Indeed, such a life bade defiance to disease. A celebrated physician of the last century used to recommend riding on horseback to his patients. ‘ Live,’ said he, ‘ in a saddle.’ That riding is the most wholesome of all exercises, I have little doubt. Despite of all the vile stuff that finds its road down his throat, who ever heard of a bilious post-boy ? ” To this might be added, the no small advantage a person mounted on horseback derives from breathing a purer

air than when on foot, and consequently nearer to the ground. The salutary effect of the motion of a horse, also, on a sluggish or diseased liver, is acknowledged by all medical men.

We shall now take a view of horsemanship in the only forms in which it is at present applied to any useful or pleasurable purposes ; namely, military, hunting, racing, and on the road, leaving the art of instructing horses for the circus to those who find it profitable to fit them for it, which we admit they do to very great perfection, though we fear not without the necessary privation and punishment unavoidable, we believe, in such kind of instruction ; or, in other words, in making animals perform far more, we conceive, than the Creator of them ever intended they should perform.

The military seat approaches nearer than any other to that of the manège ; and, by reason of the horse-soldier having, in general, but one hand to hold his bridle with, is one which gives him great command over his horse, without disturbing his seat. He sits well down in his saddle, on his fork, or twist, with his body erect, and in perfect equilibrium with his horse ; his legs well stretched down the sides, with a firm pressure of the calves, as well as of the knees and thighs, and the feet firm in the stirrups. But it is not by any *one* of these aids that he becomes a good horseman. He must be in perfect unison, as it were, with his horse's actions and paces, to maintain a good and graceful seat ; and, in proportion to the just balance of his body, will he be able to have a steady hand, a point of vast importance to the dragoon. The importance of this balance, and keeping himself in a proper equilibrium with his horse, is increased by the fact of his not being allowed to rise to

the horse's trot, and therefore requiring a still finer use of the bridle hand. "The man who rides with the aid of the proper equilibrium," says Colonel Peters, "will, in case of necessity, know when to apply the strength he has retained with a steady, light hand, and govern every motion according as he finds it necessary for his purpose ; play light with his own weight upon the saddle (by a gentle spring in the instep of both feet on the stirrups), with an easy pressure of both thighs, knees, and calves of the legs. When the horse jumps or plunges, then these aids are also requisite to keep the seat ; but, in an easy, steady pace *forward*, it is most particularly to be pointed out to a young man, and cannot be too often repeated, that, to become an easy, elegant, or proper horseman, he must learn to ride with comfort and pleasure to his horse as well as to himself ; he must learn to seek his balance from his hip upwards, to keep the body with a slight inclination backwards from the perpendicular, and balance himself thus gradually on his horse in all the different paces ; which, of course, cannot be expected all at once. A man that rides by the force of his knees alone, shaking his arms and hands, although he rides his distance in the same period of time that the good rider would, yet he cannot be said to ride his horse, or to have any part of his body in the proper equilibrium ; but the man who rides his horse with a light, steady hand, and elastic body (which, when disturbed even, has the power of restoring itself to its former seat), in unison with the horse's action, may be truly said to ride in the proper equilibrium."

The act of mounting may be called the first step in practical horsemanship. With horses perfectly quiet, it matters

little in what manner we approach them ; but in every thing that relates to horses, a certain precaution is necessary. Let the person who is about to mount, then, walk up to his horse, not directly in his face, lest he may alarm him, nor behind him, lest he may strike at him, which he would thus give him an opportunity of doing. Let him rather approach



him on the left side, over against his shoulder, inclining something more to his head than to his flank. In the summer time, when the flies are troublesome, this caution is not ill bestowed, because the quietest horses will sometimes strike out, sideways, after the manner of cows, to rid themselves of their tormentors ; and many a man has been injured in the abdomen, or thigh, from this cause. Old writers on horsemanship recommend the horseman, when about to place himself in the saddle, after having put the left foot firmly into the stirrup, to take the reins and the pummel of the saddle in his left hand, and laying his right hand fast upon the hinder part of the saddle, thus to spring into his seat.

We should prefer his taking a lock of the mane, together with the reins, into the left hand ; because, if he be a man of any considerable weight, his having recourse to the saddle for all the assistance he may require, would be very likely to displace it, especially as no horse in the hands of a good horseman is now tightly girthed.

When he is mounted, the proper adjustment of his reins is the next thing to be attended to. If a single-rein bridle, he has nothing to do but to draw the reins with his right hand through his left, till he finds he has got hold of his horse's mouth equally on both sides of it, when he shuts the left hand, letting the little finger separate the two reins. The same should be done with a double-rein bridle, only observing, as they are drawn through the hand, that the horse's mouth is to be consulted as to whether that attached to the bridoon or to the bit is the one required to be first acted upon. Many an inexperienced horseman has met with accidents from want of a proper discrimination as to the right use of the reins, when mounted on high-spirited horses, with finely made, that is to say, highly susceptible, mouths, and unused to a rough hand. The bridle reins should be held at a convenient length ; for, if short, they will discompose the attitude of the body, by pulling the left shoulder forward ; and they should be held with a firm grasp, dividing them, as before mentioned, with the little finger. When a horse pulls at his rider, he should advance his arm a little, but not the shoulder, towards the horse's head, raising his hand towards his breast, and the lower part of the palm rather than the upper ; but he should not shorten the rein in his hand if he can command his horse without it, or he may lose the proper

appui, or bearing of his mouth. Old writers recommend the bridle-hand to be held perpendicular, the thumb being uppermost, and placed on the bridle. Modern practice is in favour of the knuckles being uppermost. The perpendicular hand may do very well in the school, or with the severe bit of the highly-drilled dragoon horse ; but no man could ride a free-going race-horse over a course, or a hasty hunter over a country, in that form.

In dismounting a horse, the bridle and mane should be held together in the left hand, in the same manner as in mounting. Unless the horseman be very active, he may put his right hand on the pommel of the saddle to raise himself, previously to throwing his right leg back over the horse ; when, by grasping the hinder part of the saddle with the right hand, he lets himself down with ease. The right leg, however, should not be bent at the knee, or the spur may strike the horse's side, in the act of being thrown backward.

THE SEAT.

It was well observed by Don Quixote, in one of his lectures to Sancho, that the seat on a horse makes some people look like gentlemen, and others like grooms. But a wonderful improvement has taken place within the last half century in the seat on horseback, of all descriptions of persons, and effected chiefly by the simple act of giving the rider a few more inches of stirrup-leather. No gentleman now, and very few servants, are to be seen with short stirrups, and consequently a bent knee, which, independently of its unsightliness, causes uneasiness to the horse as well as to his

rider ; whose knees being lifted above the skirts of the saddle, deprive him of the assistance of the clip, by his thighs and legs. The short stirrup-leather, however, was adopted with the idea of its giving relief to the horse, although a moment's consideration would have proved the contrary, and for this reason ; the point of union between a man and his horse, as well as the centre of action, lies just behind the shoulder-blades, which, as must be apparent to every one, is the strongest part of the horse's body, and where the sack of wheat or flour is placed by the farmer or the miller. With short stirrup-leathers, the seat of the rider is thrown further back on the saddle, instead of being exactly in the centre of it, and consequently his weight thrown upon the part approaching the loins, the weakest part of the body, and very easily injured. From the same mistaken notion was the saddle formerly placed nearly a hand's-breadth from the shoulders, which, of course, added to the mischief ; but modern practice has entirely remedied this, as it is now placed as near as possible to the shoulder-bones, so as not to interfere with the action of them.

Next to the advantages of a good seat to the horse, stands the ease and elegance of it in the rider. In the first place, what is natural is easy, and there must be no formal stiffness of the body of a man, or of a woman, who wishes to look well on horseback. When we see a man sitting as upright as if he were impaled, and his body not appearing to yield at all to the motion of his horse, we cannot fancy his having a good hand upon him, because he cannot be in unison with him in his action ; neither can he be firm in his seat. But to some persons a good seat is denied by their shape and

make. For example, a man with short legs with large calves, and very round thighs, cannot sit so close to his saddle as another whose legs are thinner and longer, and of course yield him a firmer clip ; and whose thighs, instead of being round, are hollowed out on the inside, as we see in the form of our most eminent jockeys. The seat of the short-legged, large calved, round thighed man, has been jocularly termed the "wash-ball seat," and not inaptly neither, for, like a wash-ball in a basin, he is seldom at rest in his saddle, from the absence of a proper clip. The thighs, in fact, are a most essential part of the horseman in giving him a good, graceful, and strong seat, as on the form of them depends greatly a good or bad position of the knee, which is a point of the utmost importance, not only to the eye, but to the firmness of his seat. The thighs, in fact, should be applied to the saddle and to the sides of the horse, chiefly by their inner surfaces, or the knees and toes would be too much out ; and although the line is by no means required to be perpendicular, yet the shoulder, the hip, the knee, and the foot, should not deviate too far from it, to render a seat perfect. When this is the case, we may be certain the disposition of the thighs and legs is correct, as they will hang down sufficiently straight, and without force or restraint ; which can never be the case, unless the body of the rider is placed evenly on the saddle, opening his knees a little, whereby his fork will come lower in the saddle, giving him the appearance, as Shakspeare expresses it, of being "incorpsed and deminatured with the brave beast."

The position of the foot of the horseman is material both to comfort, safety, and elegance. In the old style of riding,

the heels were turned outwards, which, of course, threw the toes inwards, and very near to, as well as parallel with, the shoulders of the horse ; but this is all wrong. The toes should be turned a little outward and upward, which the slight opening of the knee induces. No animal, human or brute, can look well, or exert its strength well, with toes turned in ; and the position is contrary to everything approaching to elegance.

The position of the foot in the stirrup, however, varies with the pursuits of the horseman. The soldier always, the rider for pleasure, or on the road, generally, rests on the ball of the foot, with a gentle play of the instep. But the man who rides after hounds, and the jockey when he rides a race, find it necessary to have the foot more home in the stirrup, with the toes turned a little upward, as well as a little outward. The advantages of all this are twofold. First, it gives them more power over their horses, by furnishing them with a more substantial fulcrum ; and, secondly, to the man following hounds, it is a great security against the foot being chucked out of the stirrup, by the seat being disturbed in a leap, or from any of those causes which perpetually occur in crossing a country.

Great as has been the alteration for the better in the seat of Englishmen, in general, by increasing the length of the stirrup-leathers, and thereby placing them more properly in the saddle ; yet, in the schools of the military this system has been said to have been carried too far, so as to endanger the safety of the rider. Indeed both Hippocrates and Galen speak of a disease which, in their time, was occasioned by long and frequent riding with the legs hanging down with-

out any support, stirrups then not being in use. How it happened that an advantage so obvious was so long in being made available, is not for us here to inquire; but we consider the support of the stirrup to be the *sine qua non* of the management and services of the saddle horse, for all essential purposes. Nevertheless, its most essential use is confined to Great Britain alone, and that is, in enabling the horseman to rise in his saddle to meet the action of the horse in his trot, by which means a pace, otherwise most disagreeable and fatiguing, is rendered nearly the pleasantest of any. So long as the demi-pique saddle was in use, in which the horseman was so deep-seated and trussed up as to make falling almost impossible; and he rode, as Sir Walter Scott made King James to ride, "a horse keeping his haunches under him, and seldom, even on the most animating occasions of the chase, stretching forward beyond the managed pace of the academy;" pressure on the stirrup might have been dispensed with, but with the saddles of the present day, and the more natural action of the horse, we consider it quite indispensable. It is indeed to the disuse of this practice in France, and other parts of the Continent, where rising in the stirrups is never resorted to even on the hardest trotting horses, that is to be attributed the almost rare occurrence of persons riding any distance, or at a quick rate, for pleasure. To this peculiar system in our horsemanship also are we indebted for our rapid style of posting, as without it post-boys could not endure the fatigue the action of a horse creates, especially in hot weather, over a fifteen miles' stage, at the rate of ten or twelve miles an hour, without a moment's intermission; whereas, by means of it, he performs that task with com-

parative ease and comfort. The objection to it on the part of foreigners lies in the fancied inelegance, if not indecency, of the motion, which we consider not worthy of an argument; but of this we are certain, that what is called "riding hard," that is, *not* rising in the stirrups in the trot, nor leaning any weight upon them in the gallop or canter, must be extremely distressing to horses, and especially to such as carry high weights.

Previously to our describing the various kinds of seat, it is necessary to observe, that how well soever a man may be placed upon his horse, his performance upon him will mainly depend on the use he makes of his hands. It is on this account that old writers on horsemanship have dwelt upon the difficulty of the art, rendered more so, in their time, when the airs of the manège formed part of it. The fact, however, is notorious, that not more than one man in a hundred of those who have been riding horses all their lives, has what is called "a good hand upon his horse," much less a fine one, which falls to the lot of but few. When, however, we consider, first, that the hand of the rider is to the horse what the helm is to the ship, that it guides his motions and directs his course; and, secondly, that we have recourse to a severe and cutting instrument, acting upon so sensible and totally unprotected a part as the *natural* mouth of a horse must be—it is at once apparent, that not only a fine hand, with an easy bit, must be most agreeable, and, at the same time, most serviceable to the horse, in anything he is called on to perform, but that it constitutes the very essence of fine horsemanship. It has been before observed that a horse's ear has been figuratively said to lie in his mouth, and no

doubt he receives the instruction from his rider chiefly through that medium. How material, then, is it that it should be conveyed to him in a manner in which he is not only most likely to understand it, but in one the least disposed to irritate him? How often have we seen a horse fractious and unpleasant both to his rider and himself, when ridden by an indifferent horseman (allowing him even a good seat), but going placidly and pleasantly when mounted by another with a low and fine hand, which appears to sympathize with all his motions, and all his wishes. It is here that Art becomes the handmaid of Nature; and it is the assistance which it is in the power of a jockey with a fine hand to give a horse, which alone exhibits the superiority of one horse over another *in himself* equally good.

Whence this superiority of hand arises, it is very difficult to determine, particularly as it is so frequently apparent in men possessing equally good seats on their horses. From the well-known fact, that it is an accomplishment which in thousands and ten thousands of cases never can be acquired by the practice and experience of a long life, we may almost consider it to be, like the poets, an *ex re natâ* property in the human composition, and thus sought for in vain by those to whom nature has denied it. That it is intimately connected with the nervous influence of the touch is obvious, from its being the result of the action of the hand and arm; and it is in being delicately alive to every motion of the horse, that the excellence of a good hand consists.

SEAT ON THE ROAD.

Of the various and too often fatal accidents that occur to horsemen, the majority occur on the road. The reason of this is obvious. They are generally, with the exception of cases of inebriation, the result of horses running away with their riders, and either coming in contact with something in their course, which suddenly stops their career, when either one or both are thrown headlong to the ground. Accidents of this description are very frequently attended with the most serious consequences, and show the necessity of persons who get on horseback being capable of commanding their horse. Next come accidents from horses falling, which are often attended with fracture of limbs, if not loss of life, chiefly, perhaps, from the hard nature of the ground on which the horse and his rider are thrown; for, if a twentieth part of the falls sportsmen get in the field, their horses so frequently falling upon them, were to occur upon hard ground, the danger in hunting would put a stop to it. Falls from horses starting only happen to persons who have a loose seat, and such should ride none but horses free from that fault. But the greatest safeguard on the road, next to a firm seat, is derived from the hand of the rider, who should never trust himself entirely to his horse, however safe he may consider him. He may tread on a rolling stone; the ground may give way from under him; he may step into a hole; or, by the effect of sudden alarm, he may lose the centre of gravity, and then, in all or either of these cases, the fall is worse, by reason of his getting no assistance from the rider, which he may have looked for, until past recovery, when he comes to

the ground with a crash. We therefore recommend persons who ride the road, always to feel their horses' mouths lightly, by which means not only will the proper equilibrium be sustained, and they will be carried better for it; for, observe, a horse with a weight upon his back, and one without a weight upon his back, are by no means in relative positions, but, should a false step be made, the aid of the rider being *instantly* at hand, is nearly certain to recover him. By which rein the mouth should be felt, supposing the bridle to consist of a bit and a bridoon, must depend on the sensibility of it, although by changing the pressure from one to the other, the mouth is kept fresher and more lively than when one only is used, and especially if that one should be the bit. There is a certain, but not a large, proportion of horses, that are rideable for all purposes on the snaffle only, whose mouths are generally kept fresh by the light pressure they receive. These are perfect mouths; but, nevertheless, horses that have them in this perfection should not be left quite to themselves in any one pace.

Previously to the general use of coaches and railways, road-riding was much more in use than it is at present; and immense distances were travelled over in a day by graziers, horse and cattle dealers, racing jockeys, and others, whose habits of being so much on horseback rendered them superior to fatigue. A hundred miles, from sunrise to sunset, on the same horse, was no uncommon day's work, and this when the roads were in a very different condition from that in which they now are, abounding in ruts and quarters, so that horses were travelling over half their ground, either on a narrow ridge, between two ruts, or over loose unbroken

stones ; and these were the days in which really good roadsters fetched large prices, as only horses with very good legs and feet could stand fast work long, or be depended upon as to safety. But all modern feats of men on horseback, or indeed the feats of any other period, on the authenticity of which we can rely, retire into the shade before that performed, November 5th, 1831, by George Osbaldeston, Esq. of Hummanby Hall, Yorkshire, over Newmarket Heath, who rode 200 miles in eight hours and forty-two minutes, winning his herculean match with one hour and eighteen minutes in hand. As may be supposed, he was not restricted to the number of horses, which consisted of twenty-nine, then in training on the heath ; but he rode one of them, Mr. Gully's Tranby by Blacklock, sixteen miles, at four four-mile heats. Mr. Osbaldeston, also celebrated for his bold and judicious riding to hounds, appeared very little fatigued ; and, after the use of the warm bath, and a short repose, joined in the festivities of the evening, and did not retire to rest till an hour after midnight.

An easy seat in the saddle is very important to persons who ride many hours in succession on the road. To accomplish this the following rules should be observed :—To sit well down in the middle of the saddle, with just that length of stirrup-leathers that will allow of the fork clearing the pummel of the saddle ; for a greater length than this would add to the fatigue of a journey, and lessen the rider's command over the horse. On the other hand, short stirrup-leathers create fatigue by contracting the knees, and thereby adding to the exertion of rising to the action of the horse in the trot, which should chiefly proceed from a gentle play of

—

the instep. The body of the rider should incline forwards in the trot, as, by forming a proper counterpoise, the movement of the horse is facilitated ; and, above all things, steadiness of seat is required, or the latter will be much incommoded in his action. So distressing, indeed, is a swaggering unsteady seat, that it is a well-established, though not a universally known fact, that horses will carry some persons of considerably greater weight than others, long distances on the road, or over a country in hunting, with less fatigue to themselves, solely because they ride them with a firm seat and an easy hand. In a long day's journey on the road, great relief is given to a horse by now and then dismounting from his back, and leading him a few hundred yards ; as also by frequent sips of water, particularly if the weather be hot. As to *frequent* baiting of a hackney in a day's journey, the practice is not recommended. In a journey of sixty miles, he should only be stopped once, but then it should be for at least two hours, during one hour of which time he should be shut up in a plentifully littered stall. It is well known that a horse in good condition would perform this distance without hurting him, if he were not baited at all, but we are far from recommending the practice. Short stops, however, on the road are injurious rather than beneficial, and teach horses to hang towards every public-house they pass by, in their journey.

Most horses should be ridden in double-reined bridles long distances on the road, and all should be ridden with spurs. Should they flag, or become leg-weary towards the end of a day, the use of the curb may be the means of avoiding falls ; and, by the gentle application of the spur, a sort

of false, that is, more than natural, action is created, which will have the same beneficial effect. As to the rate at which horses should be put on the road, that is a point so much under the control of circumstances, that no line can be drawn respecting it; but our experience assures us, that if a horse has to perform the distance we have already taken as a fair day's work, namely, sixty miles, under not a very heavy man, he would perform it with more ease to himself, and feel less from it the following day, if he travelled at the rate of seven or eight miles in the hour, than less. In the first place, this rate of speed is no great exertion to a horse of good action, and also in good condition; and in the next, by performing his day's work in less time than if he travelled slower, he gets sooner to rest, and is, of course, sooner fit to go to work again. Let it, however, be observed, that he should have two hours' quiet rest in the middle of the journey, which will enable him to perform it without fatigue. But we do not recommend this rate of travelling, when a much greater extent of ground is before us. If a horse is to be ridden 200 or 300 miles or more, he ought not to travel, in the best of weather, more than from thirty to forty miles per day, and he should rest the entire of the fifth day, or he will become leg weary, hit his legs, or perhaps fall. We are of course alluding to valuable horses, with which extra expense is not to be put into the scale against the risk of injuring them. The earlier travelling horses, in the summer particularly, start in the morning, the better, that they may get their day's journey over in good time, and be early shut up for the night.

The following good advice to persons riding on the road

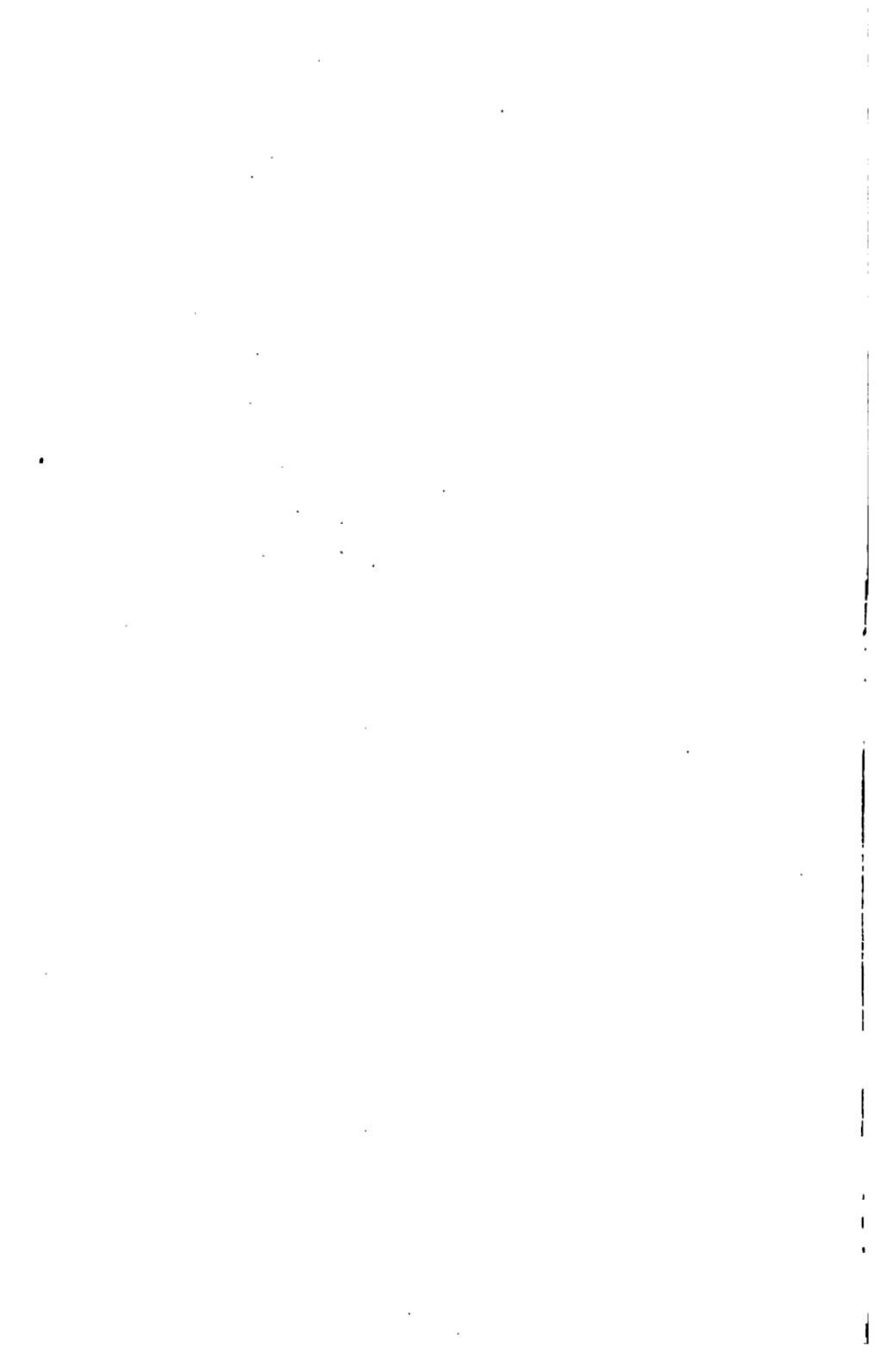
is very much to the purpose, and may be quoted here:—
“When you ride a journey, be not so attentive to your horse’s nice carriage of himself, as to your encouragement of him, and keeping him in good humour. Raise his head; but if he flags, you may indulge him with bearing a little more upon the bit than you would suffer in an airing. If a horse is lame, tender-footed, or tired, he naturally hangs on his bridle. On a journey, therefore, his mouth will depend greatly on the goodness of his feet. Be very careful, then, about his feet and not let a farrier spoil them.” To this we add, that, as has been already observed, horses often fall on the road, from the state of their shoes being neglected; in journeys, and on hot and dusty roads especially, the feet as well as the shoes demand care. They should be stopped every night with moist clay, or cow-dung, or what is better, wetted tow, which, whilst it cools and moistens the foot, acts beneficially, by causing pressure to the sensible sole and the frog.

THE HUNTING SEAT.

Next to that of a jockey, on whose skill in the saddle thousands of pounds may be depending, the seat of the fox-hunter is most essential of any connected with amusement. He must not only be firm in his saddle, to secure himself against falls when his horse is in the act of leaping, but he must unite with a firm and steady seat a light and delicate hand, to enable him to make the most of his horse, as well as to preserve himself as much as possible against danger. His position in the saddle should resemble that which we have recommended for the road, with the exception of the

Printed by W. & R. Chambers, Edinburgh,
Published by Messrs. Charles Hock





length of his stirrup-leathers, and the position of his foot in the stirrup-irons. The former, the length of stirrup-leather, should depend on the form and action of his horse, as well as the nature of the country he has to ride over. With a horse very well up in his forehand, with his haunches well under him, and going perfectly collected and within himself, his stirrup-leathers may be long enough to admit of the knee being very nearly straight, and the foot resting on the ball. But, on the other hand, if his horse be somewhat low in his forehand (which many first-rate hunters are), with very powerful action in his hind-quarters ; if ridden in hilly countries, or if at all disposed to be a puller, he will require to be at least two holes shorter in his stirrups ; and his foot will be firmer if placed "home" in them, instead of resting on the balls. Above all things, he must acquire a firm, close, and *well-balanced* seat in his saddle, which is not merely necessary in leaping, but in galloping over every description of ground. A swagging seat in the last-mentioned act is sufficiently bad to make a great difference to a hunter in a severe chase ; but when we picture to ourselves a horse alighting on the ground, after having cleared a high fence, and his rider alighting two or three seconds afterwards in his saddle, so far forward, perhaps, as to fall beyond the pillars of support, or backwards behind the centre of action and the part (just behind the shoulders) which ought to form the junction between the rider and his horse, we can readily imagine how distressing it must be to him, and how much a large fence, so taken, must exhaust him over and above what would be the case if he had had the assistance of a firm hand to support him on alighting ; but which, however, with such

a seat as we have been describing, no man can possess. The first requisite, then, for a person who follows hounds is the combination of a light hand with a firm seat; and fortunate is it for his horse, as well as for himself, if he possess it to the degree required to constitute a fine horseman over a country.

But as the science of war cannot be learned perfectly by anything short of experience in the field, neither can the art of horsemanship, as far as the sportsman is concerned, be learned perfectly in the riding-school or the academy. If our own observation did not confirm this fact, it would appear evident, from the variety of situations in which the man following hounds may be placed, in one individual run; and we will endeavour to enumerate them. First, there is galloping at very nearly full speed, not over turf as smooth as a carpeted floor, and with nothing beyond a daisy's head to come in contact with the horse's feet, but (*cursu undoso*) over every description and every variety of ground; over the high ridge and across the deep furrow; over ground studded with ant-hills, which, unlike the mole-hill, are often as hard as if they had been baked in an oven; over stones and flints, the latter so sharp as frequently to sever the sinews of a horse's leg so completely as to cause his toe to turn upwards, when his throat must be cut on the spot; over grips covered by weeds, and thus, if visible to the horseman, too often invisible to his horse; over deep under-drains, with rotten coverings, which frequently give way, and let in a horse nearly to his shoulders; down steep hills, stony lanes, through deep sloughs and treacherous bogs; and all this very frequently on infirm legs, as those of hunters which have been long in work are very apt to be.

Next come the "fences," as all obstacles to the follower of hounds are now technically termed ; and let us just see of what they are composed. There is the new and stiff gate, with always five, and sometimes six bars, and each bar, perhaps, as firm against the force or weight of a horse and his rider as if it were made of wrought iron. Then there is the nobleman or gentleman's park-paling, full six feet high, and too often a turnpike road on the other side to alight on. The stiff four-barred stile, generally to be taken from a narrow and slippery foot-path, and not unfrequently on the declivity of a hill. The double post and rail fence, as it is called, too much to be cleared at one leap, in which case the horse has to leap the second rails from the top of a narrow bank, and sometimes from out of a ditch which is cut between them. Every now and then, in the rich grazing countries, which are far the best for hunting, and in which hounds run faster than in others, there is the ox-fence, which may thus be described : If taken from one side of it, there is, first, a ditch, then a thick and strong black-thorn hedge, and about two yards beyond it, on the landing side, is a very strong rail, placed to prevent feeding bullocks from running into the hedge, to avoid the cestrum or gadfly in the summer. This fence, covering a great space of ground, must be taken at once, or not at all, from either side on which it is approached. In these countries, from the goodness of the land, the black thorn attains great strength ; but in places where it happens to become weak, instead of the ox fence, four strong rails are put, which, in addition to the ditch, makes also rather an awful fence ; at least, if a horse do not clear it, he must fall, as the rails very rarely will give way. Some of these hedges

being impracticable from their thickness, the sportsman makes his way to one corner of the field, where he finds a flight of very high and strong rails, but without a ditch, and every now and then a sheep-fold. The former is somewhat of a more severe fence than it appears to be, owing to the ground on each side of it being either poached by cattle, or, what is worse, rendered slippery by sheep, which are driven into the corner to be examined by the shepherd, in the case of there not being a sheep-fold in the field. The sheep-fold or sheep-pen, as it is called in Leicestershire, is a still more serious undertaking. To get into it, the horse must leap four strong bars, about the average height of gates, and then, with a very short space to turn himself round in, must do the same thing to get out of it. Next comes the brook, from 12 to 20 feet in width, often bank-full, and sometimes overflowing its banks, which are often hollow, and generally rotten. In most of our best countries, few runs of extent take place without a brook or brooks being to be crossed ; and no description of obstacle to which the sportsman is subject in crossing a country is the cause of so many disasters.

In what are termed the Provincial Hunting Countries, in contradistinction to Leicestershire, and the other chiefly grazing countries, timber, with the exception of stiles, is not so frequent, nor is the ox-fence to be seen at all ; but there is comparatively more fencing, though chiefly hedges and ditches. In many of these, Dorsetshire in particular, the fences are generally what is termed double ; that is, there is a ditch on each side of the hedge, which it requires a horse to be prepared for, by receiving, if not his education, a good deal of instruction in the country. In other parts of England

—Cheshire and Lancashire, for example—we find fences that acquire an apprenticeship ; they consist of a hedge and ditch, not of large dimensions, but in consequence of the former being planted on a cop or bank, a horse must land himself on the cop before he can get his footing to clear the fence, provided the hedge be on the rising side. Were he to spring at it from the level of the field, and clear the bank, together with the hedge and ditch, the exertion would be so great as soon to exhaust his powers. Those fences require horses very active and ready with their hinder legs, and also riders with good hands. In all strong plough-countries, as our fine loams and clays are termed by sportsmen, hedges with ditches (for the most part only one ditch) prevail. For height and width they are not equal, by much, to those of the grazing districts, but circumstances render them equally difficult and trying to the skill of a horseman and the judgment of his horse, and oftentimes still more so. In the former, although the fence is large (brooks excepted), the ground on the rising side is almost always sound and firm ; whereas in deep-plough countries it is generally soft, and often, what is worse, it is sticky. Neither is this all. It very often happens that the headland of a field is ploughed to within a foot or two of the ditch, when a small ridge, or “balk,” as it is termed in some districts, is left to prevent the soil of the field washing into the ditch. This ridge is often very perplexing to the horseman. He must either put his horse at the fence so as to clear all at once, or he must let him take his footing from off this narrow ridge, which if his head be not in a very good place, and his rider's hand an indifferent one, makes even a small fence dangerous. The objection to a ploughed country

also holds good as regards the other, the landing side of the fence. In the grass countries a horse alights on turf sufficiently elastic to break the concussion from the weight of himself and his rider, but seldom soft enough to sink him below his hoofs. On the other hand, in the ploughed districts, he is perpetually alighting in fallowed ground, or in that sown with wheat or other corn, which, particularly after a severe frost, is so far from being firm enough to bear his weight, that it sinks him nearly to the knees. This is very distressing, especially to a horse which carries a heavy man ; and here the skill of the rider is shown in his preventing his jumping at fences of this description higher or farther than is absolutely necessary to clear them. To a man who follows hounds, indeed, this art of handing his horse easily over fences is one of the very highest value ; and to the possession of it to perfection is to be attributed the extraordinary performance of hunters under some of our heaviest sportsmen (such as Mr. Edge and his brother, Mr. Richard Gurney, Sir Bellingham Graham, Mr. Maxse, Lord Alvanley, and others), in fast runs of an hour or more, over strongly-inclosed countries. Taking England throughout, there are fewer fences than there used to be ; but more land is, year by year, being laid down in plough.

Walls are, we believe, the only fence met with in Great Britain which we have as yet left unnoticed. They are of two descriptions, namely, fast, by means of mortar, and loose, being built without mortar. The first do not often come in the way of the sportsman ; and it is well that they do not, for, in the event of a horse striking them, they do not yield to his weight. The last, the loose walls, particularly those

met with in Gloucestershire and Oxfordshire, are the least dangerous fences he can ride at; for, unless his horse be blown, or he is himself a very powerless horseman, they seldom resist him sufficiently to throw him down. Their height varies from three to five feet; but as there never is a ditch on either side of them, and the ground is generally firm in the parts of those countries which are inclosed with walls, those even of the last-mentioned height may be taken with safety by a good horseman, on a horse that is accustomed to them, and is not distressed at the time by the pace; for, as "*it is the pace that kills,*" so is it the pace that causes falls.

The following directions may be serviceable to a young beginner in the hunting field:—When hounds find and go away, place yourself well down in your saddle, on your fork, or twist, and dont be standing up in your stirrups (as formerly was the fashion, and the cause of many a dislocated neck), sticking out your rump as if it did not belong to you. Let your knee be not very far from straight, with your foot well out in front of it, and feeling in the stirrup as if it formed a sufficient fulcrum for your bodily strength to act upon in the assistance your horse may require from you. Be assured that the military seat, with the very long stirrup-leathers, will not do here, however graceful it may appear on a parade. There must be a kind of *obstendo* power in the rider to act against the preponderance of his horse, particularly at what are called drop-leaps, in very deep ground; or, in case of his making a blunder, or getting into false ground, in his gallop. Having got well away with the pack, keep your head up, with your reins in the left hand, and your whip in

your right, held perpendicularly upwards, with the thong falling loosely through your hand, when it will be ready for all purposes. Cast your eye forward, to take a view of the country, and then on the body of the hounds, to satisfy yourself that they are well settled to the chase. And now comes the young fox-hunter's trial. *You must neither take liberties with the hounds nor with your horse.* Ride wide of, that is, on the left, or on the right of, the former, turning as you see them turn, and never find yourself exactly behind them, on their line ; and no matter how perfect may be the latter, never trust him to himself, nor upset him by going too fast for him, or, in other words, over-marking him for pace. However good his mouth, never ride him in chase with quite a slack rein, for, independently of your own safety, it is not giving him a fair chance. He requires your support, and he should have it.

In riding to hounds, there is much to be gained by what is termed picking out your country. Avoid going straight across land highly ridged, and consequently deeply furrowed, if possible to avoid it, but rather take your line diagonally. If the furrows are very deep and holding, make for the side, or the headland, where, of course, it is comparatively level ground. Even if it takes you a little out of your line, you will find your advantage in this, for you may increase your rate of going, and that with ease to your horse, more than equal to the extra distance you have to go. If your horse appear somewhat distressed, it is on a headland, or still more on a long sideland, that you have a good opportunity of recovering him ; and here you may have recourse to the old-fashioned style of riding a hunter. You may stand up in

your stirrups, catching fast hold of your horse's head, and pulling him well together, when you will find that, without slackening his pace, he has recovered his wind, and can go on. Avoid deep ground as much as possible ; but when in it keep a good pull on your horse, and by no means attempt to go so fast over it as you have been going over that which was sound. After Christmas, turnip fields should be skirted, if possible ; for, by reason of the many ploughings they receive at seed-time, the land sown with turnips becomes so loose and porous, after severe frost, that it cannot carry a horse. Also avoid *crossing* fallows, or land sown with wheat. If obliged to go athwart them, get on the headland ; or, if you ride straight down them, choose the wettest furrow you can see. It is sure to have the firmest bottom, which is proved by the water standing in it.

As no man can say where a fox-chase will end, have an eye to your horse, and endeavour to give him all the advantages in his favour that the country and the pace will admit of. Next to a judicious choice of your ground, is quickness in turning with hounds, as the difference between riding inside and outside of them, in their turns (be it remembered hounds very seldom run straight) is very considerable indeed ; and to a certain degree corresponds with what is called "the whip-hand" in a race. Again, if you wish to stand well with the master of the pack, and to obtain the character of a sportsman, observe the following rules :—Never press upon hounds, even in chase. When they have lost the chase (in other words, when they are at fault), pull up your horse and keep wide of them ; and, in the words of a celebrated old sportsman, "*always anticipate a check.*"

Never, for the sake of displaying your horsemanship or your horse, take an unnecessary leap when hounds are running, nor a large one when a smaller is in your view, unless the latter take you too much out of your line, or for a reason which we shall presently give. If your horse is a good timber-leaper and not blown, prefer a moderate timber fence to a rough and blind hedge-and-ditch fence, as less likely to give you a fall, neither will it take so much out of your horse. But when your horse becomes distressed avoid timber, for if he do not clear it he will give you a worse fall in that state than if he were quite fresh. A blown horse falls nearly as heavy as a dead one. There is, however, another precaution to be observed with horses a good deal beaten by the pace. Have an eye, then, rather to the nature of the ground on which it is placed, than to the size of the fence ; that is, prefer a good-sized fence, where you see firm ground for your horse to spring from, to a small one where it is soft and sticky. Moreover, a distressed horse will often rise at a fence of some height and appearance, whereas he will run into, or, at all events, endeavour to scramble through, a small one. If you decide upon the smaller place, let him go gently at it, as he will be less likely to give you a fall ; at all events, he may not give you so bad a one as if you went fast up to it. Some horses get out of scrapes better than others ; but it is as well not to give them an opportunity of showing their prowess in such matters, and one of the worst faults they can possibly have is not to care for falling.

A chief requisite to a good rider across a country is courage, one of the most common qualities of human nature ;

and another is coolness. No man, when flurried, can do any one thing well ; but when we consider the variety of objects that the sportsman following hounds has to attract his notice, and the many obstacles he may have to encounter, it is evident that, according to the old adage, "he must have all his wits about him." The perfection of fine horsemanship in the hunting-field, then, is in a man riding well up to hounds, when going their best pace over a stiff country, and yet appearing to be quite at his ease, and his horse, as it were, sympathizing with him in his calmness. Such a man (and there are some such in every hunt, but not many) is capable of taking every advantage that can be taken of country, hounds, and all obstacles which appear to oppose him in his career. Another signal advantage to the sportsman also arises from his coolness in these moments of no small mental as well as bodily excitement and exertion. He is able to observe the beautiful working of the hounds, which is displayed to advantage with a burning scent ; and he enjoys it the more in consequence of the superiority of his horsemanship having placed him in a situation where he is not molested by the crowd.

Although speed in the hunter is now absolutely necessary, from the much increased rate of hounds, yet it is equally necessary, in most of our hunting countries, that he should be a perfect fencer as well, and that his rider should be an accurate judge of the extent of his fencing powers. Thus it often happens that horses, not equal in speed to others, get quicker over a stiffly-inclosed country than they do, because, by the means of their superior fencing, they are able to cut off angles and go straighter. In fact, there are frequent instances of one individual sportsman beating every other in

the field, and being alone throughout a run, merely by clearing a great fence in the direct line of the hounds at starting ; in avoiding which, so much ground had been lost by the rest of the field, that it could not be recovered by them until the chase was ended.

It is a common saying among steeple-chasers, that five times as many horses rick their backs at a grip or small blind fence, which they hardly care to rise at, than at a rasper ; and from the effect of the exertion of leaping in horses, which is pretty accurately ascertained by the observation and experience of sportsmen, some rather curious facts are drawn. A very large fence, as has been before observed, exhausts a horse, or, in the language of the field, "takes a good deal out of him ;" nevertheless, a hunter becomes sooner distressed over quite an open country, when the pace is very severe, than he does over an inclosed one, provided the fences are not very large indeed. This is accounted for in two ways : First, fences check the speed of hounds, and consequently the speed of horses. Secondly, the mere act of pulling or gathering a horse together, to shorten his stride previously to his taking his leap, is a very great relief to his wind, as we know from the effect a good pull at his bridle, towards the end of his course, has on that of the race-horse. At several kinds of fences, likewise, it is necessary that he should be pulled up nearly, if not quite, into a walk, to enable him to take them with safety, such as fences by the sides of trees, hedges with ditches on each side of them, particularly if they are what is termed "blind :" in short, all places known in the hunting vocabulary as cramped places, as well as now and then a timber fence,

which must be taken nearly at a stand. And it was the old system of taking all upright fences, such as gates, rails, stiles, and hedges without ditches, at a stand, that enabled the low-bred hunter of the early part and middle of the last century to live with hounds as well as he did live with them. The very short time that it takes for a horse to recover his wind, to a certain extent, might be proved by a reference to stage-coach work. Previously to the perfect manner in which it was latterly performed, and the superior condition of the cattle, from their owners having at length found out how to feed them, it was not unusual for a coachman to have a high blower, as a thick or bad-winded horse is called on the road, in his team, which might scarcely be able to keep time. If he found him distressed, he would pull up his coach on the top of a hill, and draw back the distressed horse from his collar. But how long would he keep him in this position? Why, not many seconds, before he would be sufficiently relieved to proceed. Thus the country of all others which puts the physical powers of horses to the greatest test in following hounds, is one which is hilly, and totally without fences, of which the Sussex South Downs, in the neighbourhood of Brighton, may be taken as a sample. Nothing but a thorough-bred horse, and a good one too, can live quite alongside hounds, going their very best pace, more than half an hour over such a country as this, and very few can do even so much, if they carry more than average weight. The open ploughed countries, such as great part of Wiltshire and Hampshire, are for the same reason very distressing to horses, and require them to have a great share of blood; but hounds do not, neither

can they, run so fast over ploughed ground, as over old, or maiden turf, which the Sussex Downs are clothed with. In the first place, the scent is seldom so good ; secondly, the ground is not only not elastic, which the other is, but it impedes the progress of hounds from two other causes : its surface is less even, and the soil of all ploughed land sticks more or less to the feet of hounds ; or, in the language of the huntsman, it "carries" invariably after a slight frost on the previous night.

We now resume our advice to the young fox-hunting horseman : It is the practice of all first-rate horsemen over a country—and no man was a greater advocate for it than Sir Harry Goodricke—to ride slowly at the majority of fences. For example, if the ditch be on the rising side, you may cause your horse to put his feet into it before he rises at the hedge, if you hurry him at it. Should the ditch be on the landing side, the case is somewhat altered, as the pace you ride at must be regulated by its width. If you have reason to believe it is of moderate width, do not go fast at the fence, because it will cause your horse to leap further than he needs to leap, and of course help to exhaust him. But if, when within a few yards of the hedge, going slowly at it, you perceive the ditch is a broad one, "put in some powder," as the modern sporting term is ; that is, urge your horse by the hand and spur, and he will be aware of what you wish him to do, namely, to extend himself so as to clear a wide space of ground. If the ground on the landing side be lower than that on the rising side, causing what is called "a drop leap," or even if the ground be not lower, but soft or boggy, your horse will look for assistance from you on

alighting, which you should give him by throwing your body back, having at the same time a resisting power from your stirrups. But another precaution is necessary when the ditch is on the rising side, or indeed with all fences except those (as will be hereafter named) which require to be ridden quickly at. This is, to fore-shorten the horse's stroke so as to enable him to gather himself together for the spring, or he may misjudge his distance, and get too near to his fence to rise at it. In fact, to judge accurately of the distance from the fence at which the spring should be taken, is a great accomplishment in a man and a horse. In the former, it is the result of experience and a quick eye; with the latter, it is in great measure dependent on temper; and consequently violent horses—"rushing fencers," as they are termed—never perfectly acquire it. It is a serious fault in a horse to take his spring sooner than he need take it; and perfect fencers go close up to their fences before they rise at them, particularly to hedges when the ditches are on the landing side. Horses, however, of hasty tempers, particularly well-bred ones, with great jumping powers, cannot always be made to do so. Neither will they save themselves by walking into, or pushing through, places which do not require to be jumped; on the contrary, many otherwise excellent hunters will scarcely suffer a brier to touch their legs. A good bridle-hand here comes into play, more especially with horses who are rather difficult to handle, either from too fine a mouth, or a loose, ill-formed neck. It is difficult, however, to offer instruction here, as there ought to be an absolute interchange of feeling between the instructor and the instructed, to render them intelligible to each other;

but we will endeavour to make ourselves understood :—When you approach a fence with a horse of this description, you should leave him as much to himself as you find it prudent to do, particularly when within a few yards of it. If you are obliged to check his speed, do so with as light a hand as possible ; and if he shows a dislike to be much checked, by throwing up his head, or otherwise, drop your hand to him, and let him go. He has by this time most probably measured the fence by his eye, and it may not be safe to interfere with him.

Double fences, particularly with a horse not quite perfect in his mouth, and the setting on of his head, try the hand of the horseman. The first part of the fence, usually a ditch, may be cleared without any difficulty, and so may the second, if visible ; but it often happens that neither horse nor rider is prepared for the second. Here it is that, in our opinion, lifting a horse is to be recommended, and in very few cases besides. Our objection to it arises from the horse being led to expect it ; and if he do not get it at the critical moment, it may mislead him. In fact it requires a hand nicer than common to make a practice of lifting a horse at his fences. Nevertheless, in the instance we have alluded to—the unforeseen ditch—it is useful ; as also towards the end of a run, when a horse, from distress, is given to be slovenly at his fences, if not disposed to run into them. In leaping timber fences, we consider the attempt to lift a hunter dangerous ; for a horse becomes a good timber-leaper from confidence ; and if he finds he is to wait, as it were, for your pleasure for him to rise at a gate or stile, he will be very apt to make mistakes.

We have already observed that timber fences are the most dangerous of any, by reason of their general strength. If a horse strikes them with his fore-legs, or gets across them, as it were, by not being able to bring his hinder-quarters clear of them, they are nearly certain to cause him to fall. And he falls from timber in a form more dangerous to his rider than when he merely stumbles and eventually falls, by putting his feet into a ditch. In the latter case, his fore-quarters come to the ground first; and by breaking the force of the fall, the rider has time to roll away from him before he himself rolls over, should the violence of the fall cause him to do so. In the former, if the timber be strong enough firmly to resist the weight and force of a horse that strikes it with his fore-legs, especially if above the knees, the first part of his body which comes to the ground is either his back or his rump. Should the rider then not be thrown clear of him, he must be made of hard materials if no bones are broken, or some serious injury sustained. All this, then, enforces the advice we have already given, of avoiding strong timber with horses not perfect at leaping it, as much as may be compatible with keeping your place with hounds; and still more so with horses, how perfect soever they may be at it, that are blown, or very much distressed. It likewise induces us to point out the best and safest method of riding at this description of fence.

Never ride a horse fast at a timber fence, unless it be a low one, with something wide to be cleared on the landing side. If a man or boy is seen exercising himself in jumping heighth, you do not see him run quickly at it, nor does he run over any considerable space of ground before he

springs. On the contrary, he only takes a few steps, and those at a moderate rate. Never, then, ride your hunter fast at gates, stiles, etc., unless in the one case alluded to. Mr. Thomas Assheton Smith, who was for many years at the head of the Quorndon (Leicestershire) Hunt, and whose riding of Jack o' Lantern in particular was justly regarded as the very essence of horsemanship, never rode fast at any fences, brooks excepted, and then only under circumstances which will be explained when we treat on that part of our subject. When riding at timber, however, take a firm hold of your horse's head, chiefly by the aid of the bridoon, if his mouth is good enough for it; and let him understand, by assuming an air of resolution on your part, that you not only mean him to leap it, and that you will not suffer him to turn his tail to it, but that it is something at which his best energies will be required of him. But above all things, do not interfere with his stroke or stride, unless absolutely called upon by some peculiarity of the ground, such as a grip on the headland, or a small ditch on the rising side. A horse making up his mind to leap a timber fence, will of his own accord regulate that matter, and gradually gather himself together on his haunches, previous to being required to take his spring. He will also, if you let him, often make choice of his pace at which he goes up to a gate, etc. It is true the deer can clear a greater height in its trot than in any other pace; but a horse prefers the very slow gallop, or canter, when thus called upon to exert himself; for if he do trot to any upright fence, we generally see him break into a canter in the last few yards. As the fulcrum for the spring comes from behind, the canter is the

most natural pace, the haunches being at this time more under him.

The same instructions to the horseman hold good with regard to stone walls as to timber fences, at least to those met with in England, which are loose and without ditches. But in several parts of Scotland the case is different, as the sportsman very frequently has to encounter walls with ditches on one side or the other of them. In consequence of their being placed at some distance from the wall, to prevent the water which runs down them undermining the foundation of it, there is frequently room, when the ditch is on the rising side, for a horse to leap the ditch, and take a second spring from the intermediate space, and so clear the wall. But when he has to leap the wall, with the ditch on the landing side, it becomes a very difficult fence, and must be ridden at with judgment. If the ditch be not too far from the wall to come within the stretch of a hunter, he should be ridden quickly at it, and well roused by the rider, to make him extend himself sufficiently ; but if it be too far, he should be put very slowly at the wall, so as to enable him to drop, with his hinder-legs at least, on the intermediate space, and from thence spring over the ditch. This fence is very trying to horses not accustomed to it ; and with those which are, one fact becomes apparent, namely, that the mere holding the reins of a bridle does not constitute what is called "a hand" on a horse. A workman with a "finger" is wanted here.

In riding at every description of timber your seat as well as your hand requires attention. You have already been told on what part of your horse you ought to sit, namely, in the middle of your saddle, which should be placed close to

the shoulder bones; when your seat will be most secure, from its being just in the centre of motion when your horse springs at his fence ; as, in the rising and falling of a board placed *in equilibrio*, the centre will be most at rest. Your true seat, indeed, will be found nearly in that part of your saddle into which your body would naturally slide if you mounted without stirrups. But other security than this is required to insure safety over very high fences. It is not the horse's rising that tries the rider's seat ; the lash of his hinder-legs is what ought to be chiefly guarded against, and is best done by the body's being greatly inclined backward. Grasp the saddle lightly with the hollow or inner part of your thighs, but let there be no stiffness in any part of the person at this time, particularly in the loins, which should be as pliant as those of a coachman on his box, when travelling over a rough road. A stiff seat cannot be a secure one, because it offers resistance to the violent motions of the horse, which is clearly illustrated by the cricket-player. Were he to hold his hand firm and fixed when he catches a ball struck with great force, his hand or arm would be broken by the resistance ; but by yielding his hand gradually, and for a certain distance, to the motion of the ball, by a due mixture of opposition and obedience, he catches it without sustaining injury. Thus it is in the saddle. A good horseman recovers his poise, by giving some way to the motion, whereas a bad one is flung from his seat by endeavouring to be fixed in it. In old times, when hunters were trained to leap all upright fences standing, these precautions were still more necessary, because the effect of the lash of the hinder-quarters was more sudden and violent, in consequence of the

horse being so close to his fence, that he rose perpendicularly at it, and not with the lengthened sweep of a flying leap.

Although Virgil, in his third *Georgic*, speaks of not suffering the brood mare to leap fences (*non saltu superare viam*), we find nothing on this subject in the classics to induce us to believe that the ancients, although they hunted, were given to ride over fences. Here they sustained a loss; for we know few more delightful sensations than that experienced in the act of riding a fine flying leaper over a high and broad fence. Nothing within the power of man approaches so nearly to the act of flying; and it is astonishing what a great space of ground has been covered at one leap by horses with first-rate horsemen on their backs. In the grand Leicestershire Steeple-Chase of 1829, a gray horse, called "The King of the Valley," the property of Mr. Maxse, and ridden by the celebrated "Dick Christian" of Melton-Mowbray, cleared the previously unheard-of space of thirty-three feet; and in the "Grand National" at Liverpool, Mr. Elmore's Lottery cleared thirty-three feet over the wall erected in front of the stand; Mr. Tilbury's Culverthorpe jumped thirty-seven feet over hurdles at Newport-Pagnell; and at Leamington Captain Little's Chandler cleared thirty-nine feet over the brook, in which three or four horses and their riders were scrambling at the time. Yet, after all, the most extraordinary fact relating to the act of leaping in horses, is the power they have of extending themselves by a second spring, as it were, when they perceive something on the further side of a fence, for which they were not prepared. That they occasionally do this under good horsemen, all good horsemen of experience can vouch for; but whence the fulcrum is derived it would

be difficult to determine. All horses which have been in Leicestershire, and other counties where the fences are large and wide, become more or less accomplished in the act of throwing themselves forward, as well as springing upward, causing a very pleasant sensation in the rider, as well as an assurance that he is not likely to drop short into the ditch or brook. The most accomplished hunters generally touch their fences, and many of the Irish horses carry this habit of thrusting themselves with their hind-legs off a bank to such an extent, that the rider feels as if he were never coming to the ground again.

We have already said that brooks stop a field more than any other description of fence, and for the following reasons :—Very few men, and still fewer horses, like jumping brooks. In the first place, as concerns the rider, they are very apt to injure his horse by a strain, or a bad over-reach ; secondly, water is deceiving as to the extent of it ; thirdly, a wide brook takes much out of a horse ; and, lastly, the banks often give way, after the horse supposes he has landed himself ; and although it is easy for him to get into a brook, it is often very difficult for him to get out of one. Few horses become very good water-jumpers, unless they have been hunted a good deal in countries where brooks abound, and also have been fortunate in not getting into one of them in their noviciate ; and Lottery, the most thorough steeple-chaser under all weights that was ever crossed, invariably bungled at them. For this reason, it is a hazardous experiment to give a large price for a hunter, how high soever may be his character, that has been only hunted in counties like Hampshire or parts of Wiltshire, where there are no brooks but

such as, from the soundness of their bottoms, horses may walk through. We have already stated the most likely way to make a young horse a good brook-jumper, a very superior accomplishment in a hunter, and chiefly to be attained by his acquiring confidence.

There is one other untoward circumstance attending leaping brooks with hounds. They are, for the most part, met with in the middle of a field, and it often happens that, until the horseman arrives on the very brink of them, he cannot form a correct estimate of their nature or extent. They also vary much in both these respects, we mean in the soundness or unsoundness of their banks, and in their width, in the space of a few yards ; so that it is in some measure a matter of chance whether you have to leap a wide brook or a narrow one. But, then, it may be said, you can always satisfy yourself on these points. True ; you may do so ; but what would too often be the consequence ? Why, if you show your horse a brook before you ride him at it, it would too frequently happen that he would not have it at all ; add to which, whilst you were doing this, on a good scenting day, the hounds would get a long way ahead of you. Besides, the *vis vivida*, or momentum of the horse's gallop, so necessary to get him well over wide brooks with rotten banks, is wanted, but in this case would to a certain extent be lost ; and if he is once pulled up, and turned round, it is not so readily acquired again, as he is always more or less alarmed, after having got a sight of what he is going to encounter. Wide brooks, then, with uncertain banks, are the only fences which should be ridden very fast at ; for, exclusive of the advantage the horse gets from the impetus derived from the speed should

he fall on the other side from false ground, he will generally save himself from dropping backwards into the brook, an object of no small importance to him, as also to his rider. There are, however, exceptions to the rule of riding *fast* at brooks. When they are not wide, and the banks are sound, it takes less out of a horse to put him at a moderate rate at them. Neither should he be ridden quickly at them when they overflow their banks, as it will then require all his circumspection and care to know when, or where to spring from, to cover them. In fact, overflowed brooks are rather formidable obstacles; but (a fine trial of hand) numerous instances do occur in the course of a season, where they are leaped when in that state by some of the field, but not by many.

Although, when the sportsman rides over a very wide brook, or any other fence which requires much ground to be covered, he has a certain hold by his bridle; yet, as may be supposed, it is very unequal to the weight of his own body, increased by the resistance of the air. How happens it, then, that his horse does not leap from under him? or, at least, how is it that, when the horse alights, the rider alights in the very same spot in the saddle on which he sat when his horse rose at it? The fact is, his body so far partakes of the speed of his horse, and increases in common with it, that, with very little assistance from his bridle-reins, he keeps himself in his proper place. If it were not so, what would become of the rider in the circus, who leaps directly upward, through a hoop perhaps, or over his whip, whilst his horse is going at considerable speed? He would, of course, alight upon the ground, perpendicularly, under the

point at which he sprung from his saddle. It is evident, however, that on leaving the saddle the body of the rider has equal velocity with that of the horse ; and the spring, which he takes perpendicularly upward, in no degree diminishes the velocity ; so that, while he is ascending from the saddle, he is still advancing with the same speed as his horse, and continues so advancing until his return to the saddle. In this case the body of the rider describes the diagonal of a parallelogram ; one side of which is in the direction of the horse's motion, and the other perpendicularly upward, in the direction in which he makes the leap. From these facts, these striking instances of the composition of motion, then, may the advantages of good, and the disadvantages of bad, horsemanship be appreciated ; and as it appears that the motions of the rider and his horse are so intimately connected and in unison with each other (for were the circus rider to project his body forward, in his leap through the hoop, as he would do if it were on the ground, he would alight on his horse's head or neck, or perhaps before his head, for he would then advance forward more rapidly than his horse), the importance of a steady seat and a good hand is apparent, and accounts for some men crossing a country on middling horses, quicker and better than others do upon really good ones. :

Having spoken of overflowed brooks, and being aware of the many fatal disasters that have occurred to sportsmen in water, and the narrow escapes of others from drowning by crossing flooded rivers, within the last twenty years, we are surprised that the exercise of swimming horses in the summer months is not more generally resorted to. It was practised

by the ancients; for we find Alexander swimming the Granicus with thirteen troops of horse. But the horses should be practised in swimming as well as their riders, or it would not avail the sportsman so much, as we know some horses are very much alarmed when they lose their legs in water, and often turn themselves over. That the act of swimming on horses is a most simple and safe one to those who practise it, may be proved at any of our watering-places in the summer, where boys swim them out to sea, two at a time, changing their seats from one to another with the greatest ease. We observe they generally lean their body forwards, so that the water gets under it, and partly floats it, interfering as little as possible with the horse's mouth; at all events, never touching the curb rein. When the sportsman or the traveller has occasion, or is accidentally called upon, to swim his horse through deep water, and the banks will admit of it, he should enter it as gradually as possible, as not only will his horse be less alarmed at the loss of his footing, but less liable to turn himself over in it. Thus in fording a brook too wide to leap, and with a soft bottom, a horse should be ridden *very slowly* into it, which will enable him to get his hinder-legs well under his body before he makes his spring to ascend the opposite bank, which he cannot do if he enter the brook quickly.

As the young sportsman may be induced to "make his own horses," as the term is for qualifying them for the appellation of hunters, it may not be amiss to offer him a few words of advice. Be careful, the first season, how you ride them at very cramped places, especially where there is timber, for they cannot be expected to be *au fait* at such things; and

many of the worst falls that some of our hard-riding sportsmen have experienced, have been from expecting young horses to do what old, or at least experienced ones, only can do. Avoid also taking the lead with hounds, especially if they run hard with a young horse, for it may cause him to refuse a big fence which he might have followed another horse over, and thus become a refuser ever afterwards. Although horses do not understand languages, they understand the arbitrary signs of their masters or riders ; and if a young hunter makes a slovenly mistake with you at a fence, he should be corrected with either spur or whip, and also *by the voice*. The merely calling out to him, or exclaiming, "For shame ! what are you about, eh ?" accompanied by a slight stroke of the whip, has often a very good effect, and will be visible at the next fence, when he will be more careful where he puts his feet, and take a greater spring. A horse knows his errors ; also, when he is corrected, and when cherished, each of which he should be subject to in their turns ; but as, according to the old adage, a coward and a madman are equally unfit to be horsemen, the correction of a young hunter should not be severe. Nothing would be more likely to make him what is called a "rushing," and consequently an unsafe fencer for the rest of his life, than beating him *severely* for any trifling faults he may commit in the field. Martingals on hunters and racers are now generally condemned ; but, in our opinion, more generally than they deserve to be, particularly during the first season of a young horse, as a long martingal serves to steady his head, if he is a little impetuous, and saves him many falls, which, putting his rider out of the question, are injurious to

him, as all horses become safe fencers, in a great measure, by having confidence in themselves, which falls must necessarily shake. All horses, indeed, whose necks are weak and loose, may be ridden with advantage by the aid of a martingal on the bridoon rein, *the rings coming quite up to their jaws*, when it cannot interfere with their galloping or their leaping.

The perfect command of a horse in the hunting field is in nothing more essential than in passing through half-opened gates, and many have been the bad accidents that have arisen from the want of it, horses being often stuck fast between the gate and the post, to the no small injury to their rider's legs or knees. Indeed the being handy in opening a gate is no trifling accomplishment in a hunter; and here a few lessons in the school may be of advantage to him. He would there be taught to obey the leg as well as the hand; and, by a slight touch of the spur, would throw his haunches round to the left, on his rider unfastening the latch with his right hand, and thus enable him to throw the gate behind him, and pass through it. This has reference to gates that open *towards* the horseman; such as open *from* him require not the horse's aid. But it often happens when a horse is blown, or beat, that unless he have a very good mouth, he will hang upon a gate, and nearly prevent his rider from opening it at all. One precaution, however, should always be taken with gates; the rider should never trust to catching the topmost bar, or what is called the head of the gate, but should pass his hand inside of it, when he will be certain to come in contact with some part of it.

FALLS.

There is a proverb, and a true one, which says, "He that will venture nothing, must not get on horseback." All men, however, who ride a-hunting are subject to falls, but those who ride near the hounds, or "hard," as the term is, seldom escape without having several in the course of a season. It is well, then, that the young sportsman should know that there is an art in falling, as well as in preventing falls. This consists in getting clear of the horse as soon as possible, which a man in the habit of falling has a better chance to do than one who runs less risk of it, having greater self-possession at the moment. Next to a horse coming neck and croup over a high timber fence, a fall in galloping at full speed is most dangerous, and apt to dislocate the neck, by the head coming first to the ground ; and from the velocity of the fall, the rider has no time for precautions. However, even in this case he should endeavour to put out one hand, if not both, to break the force of the fall, as well as to act in resistance to his head coming first to the ground, and receiving the whole force of the concussion. By so doing, it is true, the collar-bone stands a great chance of being fractured ; but that is an accident merely of temporary inconvenience, and unattended with danger, whereas a dislocated neck is very rarely reduced. But it is a curious fact, that there are fewer instances of broken necks in the field in the present age than there were nearly a century ago, notwithstanding that for one man who rode a-hunting then, there are fifty now ; and the pace of hounds, as well as style of riding, much altered as to speed. This has been accounted for in two

ways ; first, the modern sportsman sits, for the most part, down on his saddle, whereas the sportsman of olden times stood up in his stirrups, and, when his horse fell with him in his gallop, was nearly certain to fall on his head. Secondly, he did not ride the well-bred, clever-actioned horse that the modern sportsman rides, which would account for his falling oftener in his gallop, and particularly as the surface of the country, in his day, was very uneven and uncultivated compared to what it now is. Neither was the hunting-cap of much service to him in accidents of this description. On the contrary, from its being so low in the crown, as it was then made, coming in immediate contact with the top of the head, the concussion was greater if he were thrown upon his head, than if it had been cased in a hat which, from the depth of it, would break the fall.

In all falls, the horseman should roll away from his horse as soon as he possibly can, lest in his struggle to rise again he strike him with his legs or head. Coolness in this hour of peril, likewise serves the sportsman in another way. Instead of losing hold of his reins, and abandoning his horse to his own will, as the man who is flurried at this time invariably does, he keeps them in his hand, if not always, perhaps in nine falls out of ten, and thus secures his horse. It was the remark of a gentleman to whom we have before alluded, and who (*singulus in arte*) was, from his desperate system of riding, and despite of his fine horsemanship, known to have more falls than any other man during the time he hunted Leicestershire, that nothing had so low an appearance as that of a man running on foot over a field, calling out “Stop my horse !”

Before quitting this part of our subject, it may be well to observe, that in cases of bad falls, particularly those affecting the head, where the lancet cannot be *immediately* had recourse to, a large wine glassful of equal parts of *strong* vinegar and water, drunk by the sufferer, is found to be very efficacious, from the revulsive powers of the vinegar acting on the general circulation of the system. In countries where there is much timber to be leaped—stiles particularly—calkins to the shoes of the hinder feet of a hunter should never be omitted, as should those feet slip under his body, the fulcrum to spring from is lost, and a fall nearly certain.

We have only a few words more to offer to the young sportsman. Nature is invariably the standard of excellence, and unless she have endowed you with a cool head, a vigorous body, and a stout heart, you will not long distinguish yourself in the hunting field as what is now termed "*a first-flight horseman.*" You may sing with Hector,

"———*The foremost place I claim,*
The first in danger, as the first in fame;"

but you will not obtain it unless you possess the above-named requisites. But having them, do not consider the following admonitions unworthy of your notice: "Never ride at impenetrable or impracticable places; you may get over or through them with a fall, but your horse will surely be the worse for the attempt, and will the sooner sink under you in a good run. Never abandon your horse to himself over any ground, but be sure to hold him fast by his head, either up or down hill, and in soft ground. If you doubt the effect of a tight hand at these times, ask the first Newmarket jockey you meet, and he will fully satisfy your doubts. In the

daring movements of that "*lawless moment*," which the first start after hounds, in some countries, may now be termed, from the desperate attempts hard-riding men make to get the lead, do not fail to have your eyes about you, and also keep a good command over your horse. In plain English, *do not ride over any man*. Some of the worst accidents to sportsmen have arisen from this cause. In the first place, one man will often ride so close to another who is going to leap a fence, that if the first horse falls, the second is almost certain to leap either on or over him and his rider, as he can rarely be pulled up, or even turned in so short a space. But even should the second man see the first man's horse in the act of leaping the fence, he should allow him some time to get away from it, for in the event of his clearing it, it is still possible he may fall, by stumbling over something after landing ; stepping into a grip or rut, or into false ground, all of which he is subject to, but more especially towards the end of a chase, when, of course, his strength and action are reduced. It is better, if you can, to take a line of your own than to follow any one at this time, as your horse is now fresh ; and, by not having cause to pull him up to let others go before you, you have a better chance to get a good start, which gives you a great advantage. When once alongside the pack, quit them not until they have finished their work, or at least as long as your horse can go without trespassing too hard on his powers. If, however, you get the lead, and can keep it for forty minutes *best pace over the grass*, with rasping fences and two wide brooks in your way, the laurels Caesar won would be weeds; and withered ones too, compared with those which would, for that one day, be yours.

There have been, and are now, some splendid specimens of horsemanship, and the management of horses in other ways, amongst servants, and it appears there always were such. Amongst the celebrated ones of antiquity we find the following, moving in this humble sphere :—Automedon, servant to Achilles ; Idæus to Priam ; Metiocus to Turnus, king of Rutuli ; Myrtilus to Cenomous, a son of Mars ; Ceberes to Darius ; and Anniceris, servant to Cyraneus. And why should not the servant, by practice, become as fine a horseman as his master ? The question appears to be easily answered, namely, that the chances are equal, with equal instruction and experience. But such has not been found to be the case ; and although amongst the various huntsmen, whippers-in, and what are known by the appellation of second-horsemen (namely, those grooms who ride horses with hounds to supply the place of those their masters ride when they become fatigued, a most humane as well as economical plan with all who have a stud of hunters), some super-excellent horsemen may be found, the generality of servants are deficient in that first essential to good horsemanship, a fine or sensitive hand. Nor is this a matter of surprise. The nervous influence proceeding from the organs of touch may be said chiefly to constitute what is termed the "hand" of the horseman ; and that influence may easily be supposed to be greater in a person whose situation in life has not subjected him to rough and laborious employments which must necessarily tend to deaden it. Until of late years the seat of servants was unfavourable to a good hand on their horse, as they, with very few exceptions, rode with too short stirrups, and, consequently, by being not well

placed in their seats, were perpetually interfering with their horses' mouths from their unsteadiness. So fully aware of these objections was the late Mr. Childe of Kinlett Hall, Shropshire, that he had only one servant that he suffered to mount the horses he himself rode, and that was William Barrow, afterwards more than twenty years huntsman to the late Mr. Corbet in Warwickshire, and who was remarkable for his fine bridle-hand. Mr. Osbaldeston also seldom intrusted his best horses to any one but Jack Stevens. Notwithstanding this, it may fairly be maintained, that, from the fact of the comparatively small number of good horsemen who have obtained instruction from the schools, there is more of nature than of art in the acquisition of skill and talent on the saddle.

Saddles and bridles form no unimportant feature in the equestrian art, as well as in the establishment of a sportsman. Nothing sets off the appearance of a horse and his rider more than a good saddle and bridle ; nor does anything contribute more to the comfort and safety of the latter than a well-made, roomy saddle, with spring bars for the stirrup-leathers—stirrups rather heavy than otherwise, and sufficiently large for the feet. Some persons not contented with the spring bars, require spring stirrups as well ; but, in our opinion no man can hang in a common stirrup, provided he do not wear thick boots nor use small stirrup-irons. Of the various sorts of bridles, the snaffle is most in use on the turf, and the curb for military horses, hunters, roadsters, and coach-horses. Not one hunter in twenty has a mouth good enough for a snaffle only, although there are a few horses in every hunt that will not face the curb. Some, however, go

very well on the snaffle up to a certain period of a run, when all at once they require the assistance of the curb. Such horses should be ridden with a double bridle, so that the rider may have recourse to the curb-bit when wanting.

There is often great nicety required in fitting a horse with a bridle, if irritable in his temper, or a very hard puller. If the former, he must have a bit of just sufficient severity to control him, and not any thing more. The one called the "Pelham" is well adapted to horses of this description, as it partakes of the double properties of snaffle and curb. With very hard pulling horses, the curb to a severe bit must be used ; but the evil of this is, that, after a certain time, the mouth thus acted upon becomes "dead," as the term is, and the horse is unpleasant to ride and difficult to turn. To remedy this, three players should be attached to the port of the bit, which, by hanging loosely over the tongue, keep the mouth alive. A bridle of this description, very long in the cheek, is known in the hunting world as the "Clipper bit," being the one in which that celebrated horseman Mr. Lindow rode a horse called the Clipper several years over Leicestershire, in which far-famed county he was supposed to be the best hunter going. If a horse rushes at his fences, a moderately tight nose-band is useful, as also to prevent his opening his mouth, and snatching at his rider's hand. The less a horse opens his mouth in his work the better, as it tends to make it dry ; whereas, it cannot be too moist for his own good. Bits very high in the port are of course the most severe, owing to the increased purchase ; but with every description of bits care should be taken that they are sufficiently wide for the mouth, so as not to press against the

horse's cheeks, and that the headstall is sufficiently long to let the bit drop well into the mouth.

As we read in the 22d chapter of Genesis, 3d verse, that "Abraham rose up early in the morning, and *saddled* his ass," saddles of some sort must have been used in very early days; but few things appear more extraordinary to those persons who look into ancient history than the fact of saddles with *stirrups* being a comparatively modern invention. Although a French translator* of Xenophon by an oversight makes a governor of Armenia hold the stirrup of the Persian king when he mounted his horse ("Il lui tenoit l'*etrier* lorsq'il montoit à cheval"), it is well known that the ancients had no stirrups, but that men of rank among them were accompanied by a person whose office it was to lift them into the saddle, whom the Greeks called *ἀναβολεύς*, and the Romans *strator*. There is no mention of stirrups in any Greek or Latin authors, no figure to be seen in any statue or monument, nor any word expressive of them to be met with in classical antiquity. In the celebrated equestrian statues of Trajan and Antoninus the legs of the rider hang down without any support; whereas, had stirrups been used at that time, the artist would not have omitted them. Neither are they spoken of by Xenophon in his two books upon horsemanship, in which he gives directions for mounting; nor by Julius Pollux, in his *Lexicon*, where all the other articles belonging to horse-furniture are spoken of. The Roman youth, indeed, were taught to vault into their saddles (*Aeneid*, xii. 287)—

—“Corpora saltu
Subiunt in equos;”

* D'Ablancourt.

and in their public ways stones were erected, as in Greece also, for such as were incapable of doing so. As another substitute for stirrups, horses in some countries were taught to bend the knee, after the manner of beasts of burden in the East ;* and in others portable stools were used to assist persons in mounting. This gave birth to the barbarous practice of making captured princes and generals stoop down, that the conqueror might mount his horse from their backs ; and in this ignominious manner was the Roman Emperor Valerian treated by the Persian king, Sapor, who outraged humanity by his cruelty. The earliest indisputable mention of stirrups is by Eustathius (the commentator of Homer), about 600 years back, who uses the word *stabia*.

Although the history of the saddle has not exercised the learned world so much as the antiquity of the stirrup, a good deal has been written and said about it. Like all other inventions, it appears to have been suggested by the necessity of making the rider sit easily upon his horse, and some kind of covering, consisting of cloth or leather (skins or hides, perhaps), was placed on the animal's back. These coverings, however, became afterwards extremely costly ;† they were made to hang down on each side of the horse, and were distinguished among the Greeks and Romans by various names. After they became common, however, it was esteemed more

* See Silius Ital. lib. x. 465.—

“Inde inclinatus collum, submissus et armos
De more, inflexis præbebat scandere terga
Cruribus.”

† See Virgil, *Aeneid*, vii. 276; viii. 552; Ovid. *Metam.* lib. viii. 33; also *Livy*, lib. xxxi. cap. 7, who speaks of a man who dressed his horse more elegantly than his wife.

manly to ride without them ; and thus we find Varro boasting of having ridden bare-backed when young. Xenophon also reproaches the Persians with having placed as much clothes under their seats on their horses' backs as they had on their beds. It is certain that no coverings to the horses' backs were for a long time used in war ; and, according to Caesar, the old German soldiers despised the cavalry of his country for having recourse to such luxuries. In the time of Alexander Severus the Roman soldiers rode upon very costly coverings, excepting at reviews, when they were dispensed with to show the condition of their horses. But we should imagine we must look to later times for the costly trappings of the horse. In his description of the city of Constantinople, the author of the *Letters of the Turkish Spy* says—“The next thing worthy of observation is the Serayan, or house of equipages, where are all sorts of trappings for horses, especially saddles of immense cost and admirable workmanship. There cannot be a more agreeable sight, to such as take pleasure in horses and riding, than to see 4000 men here daily at work in their shops, each striving to excel the rest in the curiosity of his artifice. You shall see one busy in spangling a saddle with great oriental pearls and unions intermixed, for some Arabian horse, belonging, perhaps, to the Vizier Azem ; another fitting a curb or bit of the purest gold to a bridle of the most precious Russian leather. Some adorn their trappings with choice Phrygian work ; others with diamonds, rubies, and the most costly jewels of the East.”

But to return to the history of the saddle, its invention, and general use, the latter a point very difficult to be ascer-

tained. The word *ephippium*, by which the ancient Romans expressed it, being merely derived from the Greek words *ἴπι*, *upon*, *ἵππος*, *a horse*, leads us to conclude that, by degrees, the covering spoken of was converted into a saddle. The Greek work *ἱδρα*, used by ancient authors, is believed to have been used to express a saddle, and is more than once used by Xenophon, in his *De Re Equestri*; and Vegetius, who wrote on the veterinary art nearly 400 years B.C., speaks of the saddle-tree. Perhaps the clearest proof of the use of anything approaching to the form of the modern saddle, is the order of Theodosius (see his Code), in the year 385, by which such persons as rode post-horses in their journeys were forbidden to use those which weighed more than sixty pounds; if heavier, they were ordered to be cut to pieces. What would the people of those times have thought if they could have seen one of our Newmarket racing saddles, weighing two and a half pounds, but giving the rider a very comfortable seat. The order here alluded to, doubtless applied to something resembling a saddle, although of rude workmanship, as its weight bespeaks. Every traveller, we may conclude, was provided with his own saddle; and about this time the Latin word *sella* more frequently occurs. In the fifth century, again, we find articles bearing something of this stamp, and made so extravagantly magnificent as to call forth a prohibition by the Emperor Leo I. against any one ornamenting them with pearls or precious stones. The saddle-tree is also mentioned by Sidonius Apollinaris, a Christian writer, who was born A.D. 430; and in the sixth century, the saddles of the cavalry, according to Mauritius, who wrote on the military art, had large coverings of fur;

and about this period, the Greek word *σέλλα* (*sella*) is used. It is considered probable, however, that the merit of the invention of saddles may be due to Persia, not merely from the circumstance of Xenophon's mentioning the people of that country as being the first to render the seat on the horse more convenient and easy, by placing more covering on their backs than was common in other parts, but also because the horses of Persia were made choice of for saddle-horses in preference to any others. That the word saddle is derived from the Latin word *sedeo*, to sit, may fairly be presumed. That the proper saddle itself, however, was unknown in England until the reign of Henry VII., we have good reason to believe; and in Ireland, from the absence of any representation of it on their coins, it may be conjectured, not till many years subsequent to that period. The woman's saddle, called by us the side-saddle, first appeared in Richard II.'s time, when his queen rode upon one; but from the pictures of men and women's saddles used in England's early days, we find they were miserable apologies for our modern saddles. Indeed at the present time, Great Britain is the only country in which proper saddles are made. Hunting saddles should have their pannels well beaten and brushed to prevent sore backs; and no sportsman, even if light, should use a short saddle, under sixteen inches from pommel to cantle.

The antiquity of the spur does not appear to have much excited curiosity; but the use of this instrument was known in the very earliest age of which we have any satisfactory history. At least we may presume that it was so, from the Hebrew word signifying horseman (*Pavash*), appearing to be derived from a Hebrew root signifying to *prick* or *spur*.

So at least says Buxtorff ; and he adds, that the horseman, or spurrier, was so called on this account ; *Eques quod equum calcaribus pungat* ; and he quotes Aben Ezra in confirmation of his opinion :—*A calcaribus quae sunt in pedibus ejus*. Spurs occur but seldom on seals, or other antiques, in the eleventh century, but in the thirteenth they are more frequent. As it is necessary that a horse should obey the leg as well as the head, all military and parade horses are ridden in spurs ; and, as we have already said, they are very useful to the sportsman in riding across a country, particularly in the act of opening gates ; also all race-horses that will bear them are ridden with them, because, should punishment be wanting in a race, it is more easily inflicted by the heel than by the hand ; add to which, these horses not only require the jockey's two hands at the same time, but are apt to swerve, or shut up, if struck severely by the whip.

RACE-RIDING, OR JOCKEYSHIP.

Race-riding and riding over a country cannot be called sister arts. Indeed the former bears little relation to any other system of horsemanship, because, from the rapidity with which the race-horse gets over the ground, there is neither time nor necessity for a display of the various aids which it is in the horseman's power to afford to his horse in most other cases. Nevertheless, the very refinement of the art, the nice and delicate hand, together with a firm and strong seat, is absolutely essential to a good jockey. Neither is this all. He must possess a stout heart and a clear head.

Something like jockeyship was practised in very early

times—the Greeks having introduced it at their celebrated games. In the thirty-third Olympiad they had their race of full-aged horses. In the seventy-first Olympiad they instituted that for mares called the Calpe, bearing a resemblance to our Oaks Stakes at Epsom ; and an interesting anecdote is handed down to us, relating to this race. A mare, called Aura, the property of one Phidolas, a Corinthian, threw her jockey, but continued her course as if he had kept his seat, increasing her pace at the sound of the trumpet, and, finally, as the story goes, presenting herself before the judges, as if conscious of having won. The Eleans, however, declared her to be the winner, and allowed Phidolas to dedicate a statue to her. In the 131st Olympiad, the race of the *πωλος κεληνος*, or under-aged horses, was established ; but with respect to all these races, we are left in obscurity as to the weight the horses carried, as also the distance they ran ; and whether or not such matters were regulated by their age, and not at all by their size. It is the general opinion that they were left to the discretion of the judges (the Hellanodicæ, as they were called), who regulated all matters at Olympia, as the members of our Jockey Club do at Newmarket ; but, as may be expected from the character of the times, exercising a power over their brother sportsmen, which would not be relished at the present day, although, in some respects, well worthy of imitation. For example, they not only excluded from the games and imposed fines upon such as were convicted of fraudulent or corrupt practices, but inflicted bodily correction upon them besides. But some very interesting facts are the result of the rigid scrutiny of this Elean Jockey Club. Alexander the Great was ambitious of

obtaining the Olympic crown, but was objected to as being a Macedonian, the prize he wished to contend for being confined to Grecians. Alexander cleared himself by showing, that although he was a prince of Macedon, he was descended from a family that came originally from Argos ; and the Hellanodics allowed him to start, but he did not win. Themistocles objected to Hiero, King of Syracuse, as a tyrant, and proposed that the magnificent pavilion which contained his race-horses should be pulled down. The objection, however, was overruled, and he became a winner ; but we do not wonder that in a Grecian assembly the name of tyrant should have been abhorred.

The seat of the jockey is one of peculiar elegance, heightened by the almost universal symmetry of his form or figure, for very few ill-proportioned men are seen in the racing saddle. The good appearance of the jockey is also increased by the neat fit of his clothes ; his costume appropriate to his calling ; the extreme cleanliness of his person, produced by his necessary attention to it during his preparatory course of exercise ; and, though last, not least, his almost affinity with the noble animal we see him mounted upon. But for this he is indebted to Nature—to the relation that the bodies of animals hold to natures altogether external to their own ; and it is most happily exemplified in that of a man to his horse, which appear to have been especially formed for each other. But, as a celebrated moral philosopher has observed, “There is throughout the universe a wonderful *proportioning* of one thing to another. The size of animals, of the human animal especially, when considered with respect to other animals, or to the plants which grow around him, is such, as

a regard to his convenience would have pointed out. A giant or a pygmy could not have milked goats, reaped corn, or mowed grass ; *could not have rode a horse*, trained a vine, or shorn a sheep, with the same bodily ease as we do, if at all."

Previously to describing the proper seat of the jockey, we will now endeavour to exhibit him in the most likely form to acquire that seat. In height he should be about five feet five inches. We are aware there are several excellent jockeys under this standard ; but they do not look so well on their horses, neither can they be so firm in their seat from want of a better clip, which the firm grasp of a longer thigh gives them. He should be rather long in the fork for his height, and powerful, long arms, and a very quick eye. He should be of a naturally spare habit, to save the expense to his constitution by wasting ; but he should have as much muscle in his arms and thighs, as his diminutive form will admit of ; in short, to ride some horses at such very light weights, he should be a "pocket Hercules." But there must be nothing like rigidity in his frame. On the contrary, there should be a great degree of pliability about his arms, shoulders, and back-bone, to enable him to be in perfect unison with his horse. He should have very free use of his hands, so as to change his reins from one to the other in a race, and to whip with the left, as well as with the right, when occasion requires it ; he should possess much command of temper ; and, lastly, he should have the abstinence of a Brahmin, and be able, by medicine and hard walking in the sweepers, to get off the two stone he gains during the winter, without fever, in about three weeks or a month.



The seat of the jockey may be described in a few words. He should sit well down in his saddle when he walks his horse to the post, with his stirrups of moderate length, so as to enable him to clear his pommel, and have a good resisting power over his horse. No man can make the most of a race-horse with long stirrup leathers, because, when he is going at the top of his speed, he sinks down in his fore quarters, in his stride, to the extent of several inches. It was calculated that Eclipse, naturally a low fore-quartered horse, sank nearly eight inches. The circumstance, then, of the use of the stirrup, in ancient racing, being unknown, fully accounts for racing on horseback as we now race, being, comparatively with chariot-racing, but little resorted to; and the excellency of a jockey in the Olympic Hippodrome, consisting more in a sort of harlequin feat of jumping from one horse, and vaulting upon another, in a race, than in

riding and finishing it, as it is now finished, in a severe trial of speed, bottom, and jockeyship. Indeed, some racers go with their heads so low as to bear up their rider from the saddle whether he will or not, and they would pull him over their heads, if he had not the power of resistance from his stirrups. Much was written by Samuel Chiffney, in a pedantic pamphlet called *Genius Genuine*, on riding the race-horse *with a slack rein*, which system has never been adopted by any jockey but his son on a few occasions. Exclusive of the necessity of restraining a free horse, who would run himself to a stand-still if suffered to do so, or of making "a waiting race," all race-horses feel relieved by a strong pull at their heads, and many will "shut up" at once if their heads are loosed. In our opinion, the hand of a jockey should always be firm, though at times delicate to an extreme; and he should never unsettle his horse by any sudden transition from a slack to a tight, or from a tight to a slack rein. In fact, everything in horsemanship is best done by degrees, but at the same time with a firmness and resolution which a horse well understands; and the hand which, by giving and taking, gains its point with the least force, is the best and most serviceable, as well as most agreeable to a horse. Chiffney always insisted that a horse should be "invited to ease himself an inch at a time," and he certainly proved the truth of his curious slack-rein theory by winning on Knowsley (whom no other jockey could hold in the severest curb) in a plain snaffle at Guildford; and on Eagle at Newmarket.

We will now bring our jockey to the starting post, where the first thing he does is to strip. Having inspected the saddling of his horse, and found everything about him secure,

he cocks up his left leg, and is chucked into his saddle by the trainer, who generally wishes him "*luck*" as he performs this office for him. After he has seated himself firmly down in it, and tried the length of his stirrup-leathers, he takes a preliminary canter of about a quarter of a mile ; and then walks his horse quietly to the starting post. But his method of starting his horse depends entirely on circumstances. If for a half-mile-race—in which a good start is a great advantage—he catches fast hold of his horse's head, and, if he will not start quickly without, sticks both spurs into his sides as soon as the signal is given, taking his chance of getting his head down into its place when and how he can. If for a two-mile race, or over that distance, he need not be in such a hurry at starting, provided he do not lose too much ground ; but all this must in great measure be regulated by his orders, whether to make running or to lie by, and wait. We will, however, put him in all these different situations.

The Half-mile Race, generally straight.—Orders, "*To make running.*" Having turned his horse round *beyond*, or we should rather say *behind*, the post, he brings him as quietly as he can back to it. On the word being given, he gets him on his legs as soon as he possibly can, dropping his hand to him to enable him to feel his mouth, and endeavours to "*steady him.*" He lets him go perhaps half the distance he has to run with only his head hard held, before he gives him his *first* pull ; but this event (the half-mile race) being soon over, there is no time for much speculation, and the pull must be but a short one. He then runs up to his horses again ; lives with them to the end and wins, if he can, without a second pull ; but if he finds other horses too near to

be pleasant, or, in other words, appearing to be as good as his own, he takes a second pull within the last 100 or 200 yards, when he "comes" again and wins. The same directions hold good in a mile race, with the exception that the jockey need not be quite so much on the *qui vive* at starting, and his pulls may be longer, and the last nearer home.

The Half-mile Race.—Orders, "*To wait.*" In this case the jockey gets well away with his horses, but never more than a length or two behind any of them, as more than that distance is difficult to make up in so short a race. Within 150, or perhaps only 30 yards, from home, he makes his effort, or it may be that he never gets up till the last stride, and wins, as the saying is, a head on the post.

The Mile Race.—Orders, "*To wait.*" The jockey may start last of all if he like, but he must not lose much ground. However good judge a jockey may be of *pace*, it is a fault to lie far out of his ground. Let him then also lie well with his horses all the way, creeping up to them inch by inch, and not quit them to win till he feels certain he has the race in his hand ; that is, till he sees that the other horses have run themselves out. His orders to wait have been given him from the supposition or knowledge that speed, not stoutness, was the best of his horse, and, consequently, that if he had made the running or "*play*," he would not have run home.

The Two-mile Race.—Orders, "*To make running.*" Nothing, next to the struggle of the last 150 yards between two horses very nearly equal, called on the turf "*the set-to*," is so difficult in racing horsemanship, as making running or "*play*" by a jockey, solely for the benefit of the horse he

himself is riding. In other words, it is a great accomplishment in a jockey to be a superior judge of *pace*, that is, of not merely the pace he himself is going, but how that pace affects the other horses in the race. And this task is difficult with idle or lurching horses, which, when leading, require urging by the hand or leg every yard they go. In this case the jockey works hard to keep his horse going. He has to use his hands, arms, legs, and feet, and occasionally to turn his head round, with all his limbs in action, and yet not disturb his horse's action. The upshot is, if his horse answers the opinion entertained of him, by cutting up his competitors by severe "play," he wins his race, and has the character of being a stout, honest horse. One of the greatest triumphs of a jockey is to get in front and ride what is styled a waiting race in front, when he dreads the effect of a severe pace from end to end on his horse.

The Two-mile Race.—Orders, "*To wait.*" In this case the jockey goes off at a steady pace, with a good hold of his horse's head, as near to the other horses as he likes, but not attempting to go in front. Thus he continues in his place to within a certain distance from home, probably specified in his orders, when he brings out his horse, challenges the leaders one after another, and wins, if his horse be good enough. This style of race requires immense judgment, as, if a jockey lays too much out of his ground at starting, he would never be able to catch his opponents in time to get a pull at his own horse.

The duty of a jockey is to win his race if possible, and not to do more than win it; and a very clever one, if he is opposed to another of less science in a finish, will "gammon"

he is beat ; and then if his opponent eases his horse or becomes at all careless, he catches him with a tremendous rush on the post. The "Chiffney rush" has passed into a proverb ; and Job Marston's victorious one on "Nutwith," for the St. Leger of 1843 has also been greatly famed. Perhaps one of the finest specimens of jockey science was displayed by those celebrated Newmarket riders, Robinson and Chiffney, on "Camarine" and "Rowton" in the Ascot cup of 1832. Buckle was also very great in the saddle, especially when he had an idle horse to "set-to" on ; but, although these *artistes* have quitted the scene, and Frank Butler was taken from it in his very zenith, we have still some first-rate talent left. Amongst the elder ones may be specially reckoned Flatman (better known as "Nat") Rogers, J. Marson, Templeman, Marlow, Bartholomew, and Alfred Day ; whilst Wells, Aldcroft, Charlton, Ashmall, J. Mann, J. Osborne, G. Oates, Quinton, and Fordham, are at the very head of the younger generation, who have splendid chances of early distinction in these handicap days.

All good jockeys avoid the use of the whip as much as possible. When a race-horse is in the fullest exercise of his powers and doing his best, it is unnecessary, for it cannot make him do more, and it often has the effect of making him shut up at once. One of the gamest horses that has run during the last twenty years flinched at the finish of a severe race at Doncaster in consequence of a chance blow from his jockey's whip on the tail. The spur, properly used, is a much better instrument for increasing the speed of a horse, although there are times when the application of the whip, or the mere act of flourishing it in the hand, is emi-

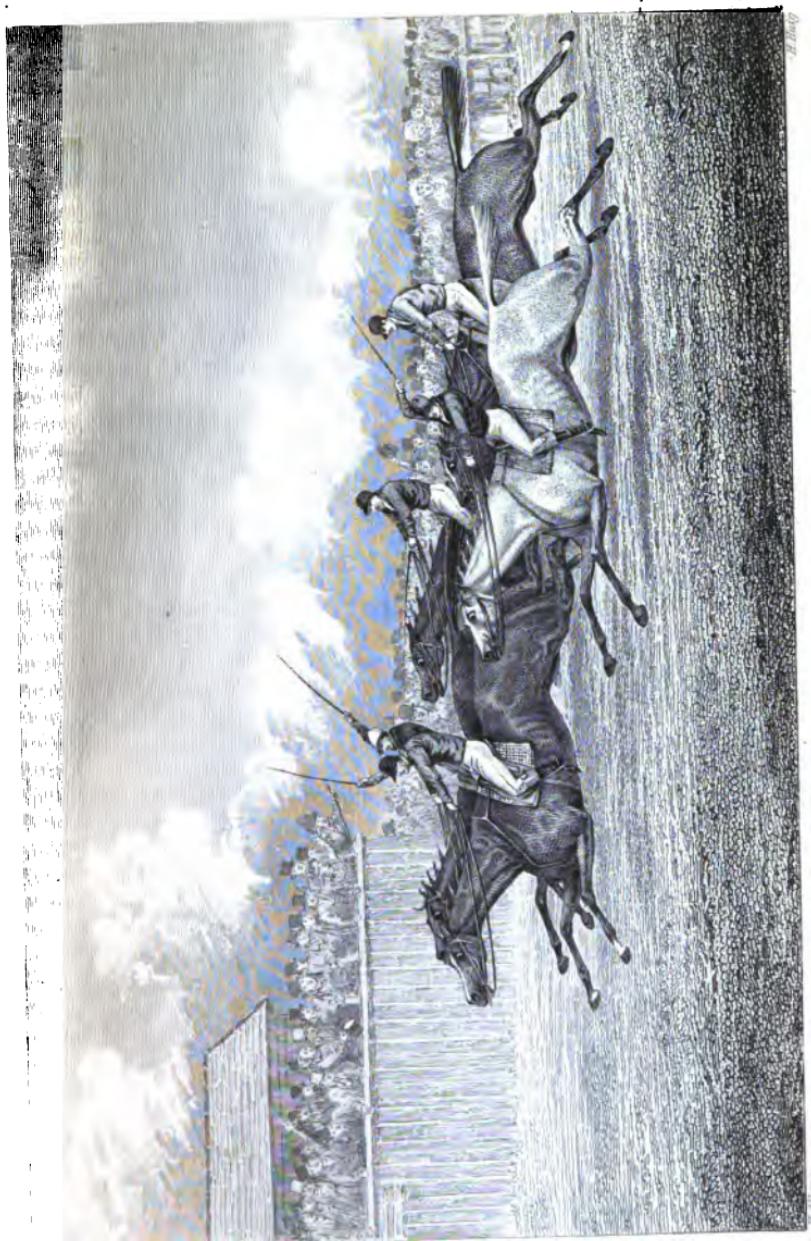
nently serviceable to the jockey ; we mean when his horse hangs to one side of the course or the other, or towards other horses in the race, or exhibits symptoms of running out of the course, or bolting. A jockey ought to be able to use his whip with vigour when necessary, and (though this do not often happen) with his left hand as well as with his right, in case of his losing what is called the whip-hand, when he cannot use his right. The nature and form of the race-course also will call for accurate knowledge of the peculiar action of his horse.

Our remarks on the art of race-riding may be concluded by stating the manner in which horses of various tempers, dispositions, and capabilities, are to be ridden, with the best chance of being made the most of. Nine racers in ten are free-going ones, if not hard pullers. On one of this description the great art of the jockey is to economize his powers according to the length he has to go, as also the weight he is carrying, so as not to let him over-pace himself; and have little or nothing left in him at the finish. If other horses make running, this can only be done by his sitting perfectly still in his seat, dropping his hands, and having fast hold of his horse's head. The less he interferes with his mouth the better ; and if he likes to be well up with the other horses, he is better there, supposing him not to be a regular jade, than pulled at, to be kept back. Temper is a great thing in this case—we mean in the jockey ; for a hasty horse and a hasty rider are sure to disgrace themselves. Every unnecessary movement in the one is instantly responded to by the other, who becomes flurried, and pulls more determinedly than he did before.

The lazy, sluggish, or "craving" horse, as trainers call him, requires riding from end to end of his race. By this we mean, that although the body of his jockey should not move, he is often obliged to raise his hands off his horse's withers, to shake him now and then; as well as to use his feet to urge him to a better pace, or even to keep him at the one he is going. Indeed, he will sometimes require a blow with the whip, or at least to be very much roused, to make him extend his stride towards the finish of his race. This is the sort of horse that used to distinguish himself in four-mile races at Newmarket, and was, of course, not thought the worse of by his owner for taking so much riding to make him do his best.

But the most ticklish and difficult horse, next to the determined restive one, or bolter, is what is known by the appellation of the "Flighty Horse," one which is as difficult to train as he is to ride, being delicate in constitution, of extremely irritable temper, and very easily alarmed. The jockey that has to ride a horse of this description, should have a temper the very reverse of his, and a hand as delicate as a woman's. He must also indulge him in every way save one, which is, in not allowing him to overpace himself. But here, also, he must be careful; for this horse will neither bear to be pulled nor hustled, but must be let to go nearly in his own way, with the exception of being kept well together by a steady hold of his head. If challenged in the race, he must accept the challenge, and come out of the conflict as well as he can.

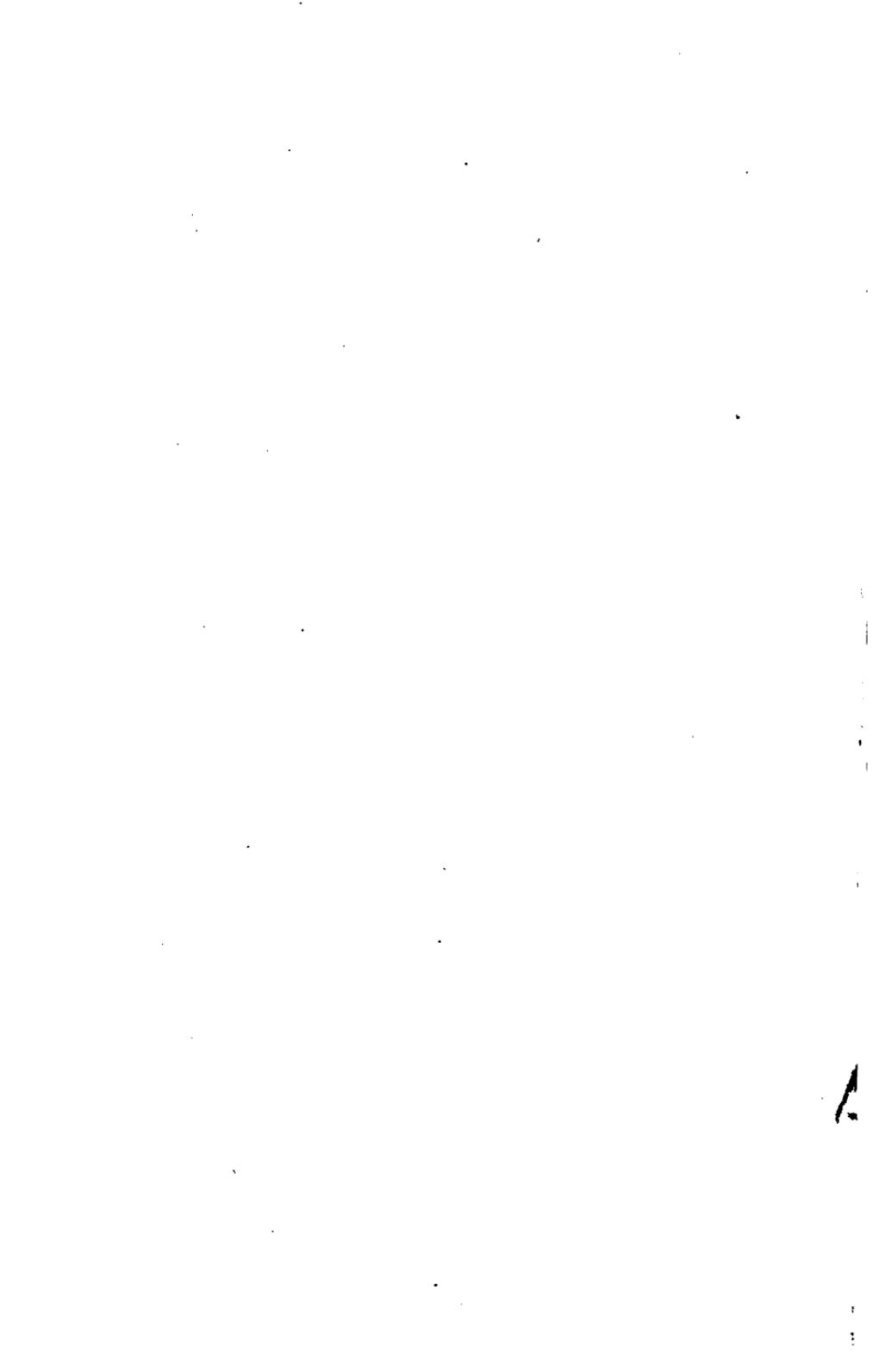
Jockeys, of whom there are about 180 in the United Kingdom, riding all weights from 8 st. 7 lb. to 4 st. 7 lb.,



H. B. FORD

THE HORSE & RIDER

Edinburgh Printed by William & Charles Black



delight in finding themselves on a fine-tempered racer ; such as Zinganee was in the year 1829, and of which year he was considered the best horse. In a plain snaffle bridle, without even a martingal, as he was ridden, and with an obedient mouth, it is a pleasing instead of an irksome task. A horse of this description is easily held, is kind at his turns, in fact, will nearly make them of his own accord ; will either wait or make play, as his rider's orders may be ; and when called upon to challenge, is ready to do his best. More than this, he is always going within himself, because he is obedient to his jockey's hand ; and his temper is at least equal to 4 lb. weight in his favour.

We now conclude our remarks on jockeyship with a short description of the last 400 yards of a race ; the leading horses lying close together, and all well up. The set-to is about to begin. But before the jockey does this, he alters his position in his saddle. He has been previously standing up in his stirrups, with his body leaning forward over the horse's withers, and his hands down, somewhat below them. He now seats himself firmly down in his saddle, and, raising his hands off his withers, first gives his horse an easy pull, and then the set-to begins. He now moves his hands, as if describing a circle, by way of rousing his horse ; and although he does not quite slacken his reins, he allows him to reach with his head, as a distressed horse will always do, and which is technically termed "throwing him in." Then comes the last resource. If he finds, when within a few yards of home, that he cannot win by these means, and that his horse appears to sink in the rally, he pricks him a few times with his spurs ; gets his whip up in

his right hand, giving a good pull with his left, and uses it as occasion may require.

STEEPLE-CHASE RACING.

A new system of racing jockeyship has come into fashion in Great Britain and Ireland within the last forty years, which, however daring, we know not how to commend. We think it an unreasonable demand on the horse, to require him to go at a racing pace over rough and soft ground, with the addition of having too often a country selected for him to run across, which, if it is not deemed difficult, is dotted with artificial fences and brooks. Several human lives have already been sacrificed, and, we are sorry to say, several horses have died from broken backs in steeple-chases. The four miles and a quarter of the Liverpool course is often covered in little more than ten minutes, by horses, who have no claim to rank with Grimaldi, Vyvian, Lottery, and Discount, the whilom heroes of this amusement; which is at a low ebb now to what it was when Captain Ross and "The Squire" met on Clinker and Clasher for their great matches in Leicestershire.

QUALIFICATIONS FOR A STEEPLE-CHASE RIDER.

These are exactly what are wanting in a very fast run over a stiffly enclosed country with fox-hounds; namely, a fine bridle-hand, a steady seat, a cool head, undaunted courage, and above all things, great quickness, and very prompt decision. But the steeple-chase jockey has one evil to guard

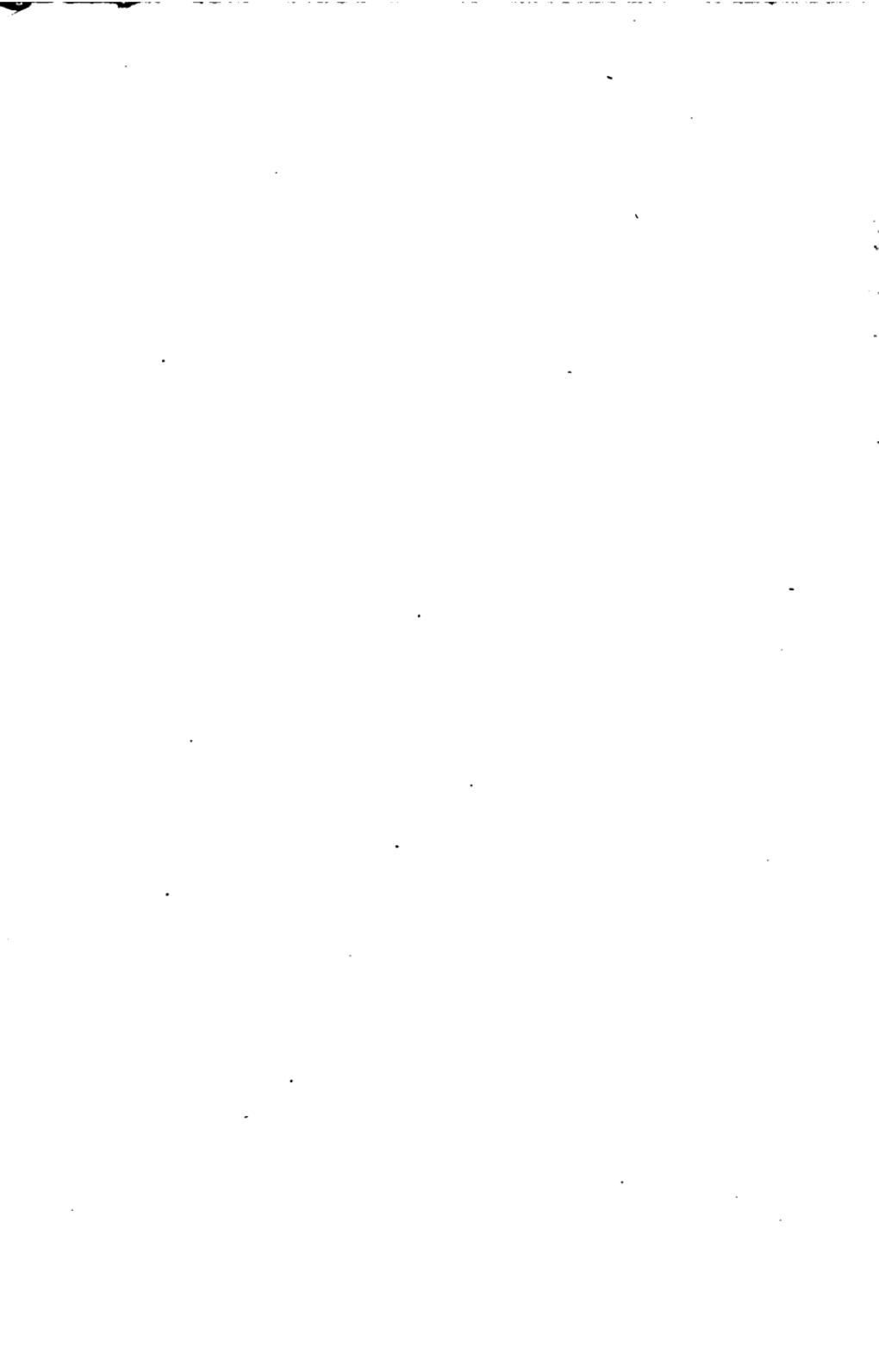
against, which the racing jockey is, comparatively, but little subject to, and this is a fall. The best preventive of it is keeping a horse well together, and making him go in a collected form at his fences, as well as over rough ground. But, at the same time, he must not overpace his horse, or he will not be able to rise at his fences when he gets to them. And here lies the great difficulty after all, as far as the horse is concerned. He must go, at least he is called upon to go, at a much quicker rate than he can reasonably be expected to maintain, for any considerable length of time, without becoming distressed, because his competitors in the race are also doing so, and he will be left behind, to a certainty, if his rider do not endeavour to make him keep with them. That horse, then, has the best chance to win which, barring a fall, is the stoutest runner and surest fencer, and whose rider is good enough, and strong enough, to give him all the assistance he requires, at least as much as a rider can give him, to enable him to struggle through his difficulties to the end. But there is one quality in a horse, especially calculated for steeple-chase racing, and that is *quickness*. After fencing, some are on their legs again, and get away instantly, as soon as they alight on the ground, be the fence ever so large; whilst others dwell for some time after landing, previously to their recoveringing their equilibrium, and so lose time. It is evident, then, that a quick horse, with a quick man on his back, is best adapted to a steeple-chase; and would beat another, supposing leaping and other qualifications, this excepted, to be equal, which could give him half a stone weight over the Beacon Course, and beat him.

It is no great compliment to this species of horsemanship

to show its origin, which is thus given in a work called *The Gentleman's Recreation*, written nearly 200 years back : "But before I enter upon the subject proposed" (training of horses), says the author, "I think it convenient to tell you the way our ancestors had of making their matches, and our modern way of deciding wagers ; first, then, the old way of trial was, by running so many train scents after hounds, this being found not so uncertain and more durable than hare-hunting, and the advantage consisted in having the trains laid on earth most suitable to the nature of the horses. Now others choose to hunt the hare till such an hour prefixed, and then to run the *wild-goose chase*, which, because it is not known to all huntsmen, I shall explain the use and manner of it. The wild-goose chase received its name from the manner of the flight which is made by wild-geese, which is generally one after another, so that two horses, after the running of twelve score yards, had liberty, which horse (qr. rider ?) soever could get the leading, to ride what ground he pleased, the hindmost horse being bound to follow him within a certain distance, agreed on by articles, or else to be whipt up by the tryers or judges which rode by; and whichever horse could distance the other, won the match. But this chase was found by experience so inhumane, and so destructive to horses, especially when two *good* horses were matched ; for neither being able to distance the other, till ready both to sink under their riders through weakness, oftentimes the match was fair to be drawn, and left undecided, *though both horses were quite spoiled*. This brought them to run train scents, which was afterwards changed to three heats, and a straight course." Our readers will acknowledge the resem-

blance between the modern steeple and the ancient wild-goose chase ; and we trust that ere long, the example of our ancestors will be followed, and the man who is capable of exhibiting his horsemanship in a modern steeple-chase, will reserve his prowess for a better if not a nobler cause.







THE HOUND.

FROM the combination of various causes, the history of no animal is more interesting than that of the dog. First, his intimate association with man, not only as his valuable servant and protector, but as his constant and faithful companion throughout all the vicissitudes of life. Secondly, from his natural endowments, not consisting solely in the exquisite delicacy of one individual sense, that fineness of olfactory nerve which enables him to follow his master or to track his victim; not merely combining memory with reflection that soars above instinctive preservation or self-enjoyment; but qualities of the mind that absolutely stagger us in the con-

temptation of them, and which we can alone account for in the gradation existing in that wonderful system which (by different links of one vast chain, extending from the first to the last of all things, till it forms a perfect whole) is placed, as Professor Harwood elegantly expresses it, "in the doubtful confines of the material and spiritual worlds." It might have been instinct that enabled Ulysses' dog to recognise him on his relanding in Ithaca, after an absence which must have set the powers of memory at defiance ; and he recognised him with all the acuteness and affection which instinct boasts ; *but what caused him to expire at his feet on the sudden dawn of unexpected happiness ?* The heart of man could go no further than this ; and although perhaps the poet's fiction is only present to us in this instance, by what name can we call those tender affections, those sincere attachments, those personal considerations, which we ourselves have witnessed in these faithful creatures towards human kind ? Virtue alone is too cold a term, as almost every good quality to be found in animated nature is to be found here ; and when we reflect upon the miserable existence so often the lot of this kind-hearted animal in this world, and the more than uncertainty that, as Byron says, he will be

"Denied in heaven the soul he held on earth,"

we cannot but feel regret that he should be without his reward. But yet this is a point not exactly decided upon by man ; at least it has been considered as a fit subject for speculation by deep and able thinkers. Locke, for example, doubted whether brutes survive the grave, because there is no hint given of it in revelation ; but Dr. Priestley thought,

if the resurrection of the dead be within the proper course of nature, and there be something remaining of every organized body that death does not destroy, there will be reason to conclude that they will be benefited by it as well as ourselves. "The misery," says this forcible writer, and great moral philosopher, "some animals are exposed to in this life, may induce us to think that a merciful and just God will make them some recompense hereafter."

But no animal has met with more variety of respect shown towards him than the dog has. By the law of Moses he was declared unclean, and was held in great contempt by the Jews, as also by the Turks, and kept by both merely for the purposes of scavenging their streets. In every part of the sacred writings, as also in those of Greece and Rome, not only are images introduced from the works of nature, and metaphors drawn from the manners and economy of animals, but the names of them are applied to persons supposed to possess any of their respective qualities. Thus our Saviour, adopting this concise method, applies the word "dog" to men of odious character and violent temper; and, as with us at present, the term of reproach, "he was a son of a dog," was in common use among the Jews. The wife Abigail (1 Samuel xxv. 3), "was a woman of good understanding, and a beautiful countenance; but the man (Nabal) was churlish and evil in his doings, and *was of the house of Caleb*." Literally it is, "he was the son of a dog." The Egyptians, however, held the dog sacred, and were reproached with worshipping him in their god Anubis, as Juvenal complains in his fifteenth satire:—

"Oppida tota Canem venerantur, nemo Dianam,"

—although hieroglyphic researches now show the head of this deity to have been that of a jackal, not that of a dog. Anubis, says Strabo, is also the city of dogs, the capital of the Cynopolitan prefecture. “Those animals,” says he, “are fed there on sacred aliments, and religion has decreed them a worship.” This absurd adoration is confirmed by Diodorus Siculus and Herodotus; and Rome having adopted the ceremonies of Egypt, the Emperor Commodus, when celebrating the Isiac feasts, shaved his head, and himself carried the dog Anubis.

We have good reason to believe that England (in a great measure from the congeniality of its climate) has long been famous for dogs, which, on the authority of Strabo (lib. iv., p. 199), were much sought after by all the surrounding nations. So high indeed in repute were British dogs amongst the Romans after the reduction of our island, not only for excellence in the chase, but fierceness in the combat, that an officer from that country was appointed to reside in the city of Winchester, for the express purpose of collecting and breeding them to supply the amphitheatre, as well as the imperial kennel, at Rome. Nor was this all. As a kind of earnest of our present celebrity in the various sports of the field, all the neighbouring countries, as Dr. Campbell remarks, “have done justice to our dogs, adopted our terms and names into their language, received them thankfully as presents, and, when they have an opportunity, purchased them at a dear rate.”* Thus we find, that when King Alfred requested Fulco, archbishop of Rheims, to send some learned ecclesiastics into England, he accompanied his letter with a present of

* Campbell’s *Political Survey*, vol. ii., p. 205, note D.

several dogs, being the most valuable he could, in those times, bestow. The congeniality of our climate has contributed much to this excellence, as our dogs, hounds especially, are found to degenerate in most others ; which Somerville alludes to in his poem of the *Chase*.

“ In thee alone, fair land of liberty,
Is bred the perfect hound, in scent and speed
As yet unrivall’d, while in other climes
Their virtue fails, a weak degen’rate race.”

We do not benefit much by research into ancient authors on the subject of dogs ; for although they have been much written upon, and immortalized in song by Oppian, Claudian, Gratius, and others (Virgil says little about them), yet, from our ignorance of the sort of animal bred in their time, and the use they made of them, *as sportsmen*, we can draw no parallel between them and our own that would tend to a good purpose. No doubt the “*canis vestigator*” of Collumella, and the “*canis odorus*” of Claudian, were of what we term a low-scenting sort, as the epithets applied to them signify ; but it would be difficult to pronounce an opinion upon the *καστόριαι*, or the *ἀλωπεκίδες*, of Xenophon, although the characteristic properties of good hunting hounds are very well and accurately laid down by him in the third chapter of his *Kυνηγετικός*; as well as their defects in form, etc., equally clearly exposed ; and his observations on these points might be perused with advantage by huntsmen of the present day.

Great encouragement has been given to the breeding of hounds in England by the various monarchs who have reigned over it. Henry II. was perhaps the first who made himself conspicuous in this department of the sportsman’s occupation,

being, as one of his historians says of him, “particularly curious in his hounds, that they should be fleet, well-tongued, and consonous.” The last epithet is in reference to a property not only little regarded, but nearly lost now, namely, the deep tongue of the old English blood-hound, which Shakspeare alludes to in his celebrated description of those “of the Spartan kind”—

“So flewed, so sanded, and their heads are hung
With ears that sweep away the morning dew.
Crook-knee’d, and dewlapt, like Thessalian bulls;
Slow in pursuit; but match’d in mouth like bells,
Each under each :”

which would now be considered a disgrace to any man’s kennel, and we believe nowhere to be found bearing the faintest resemblance to the picture drawn of them by this master-hand.

In Queen Elizabeth’s time a classification was made by Dr. Caius, physician to the queen, in his treatise *De Canibus Britannicis*, of the different kinds of dogs peculiar to Great Britain ; but many of the names (the sleute or sleuth hound of the Scotch, for example) having since become obsolete, they were again classed by Mr. Daniel, in his *Rural Sports*, which work contains a full and satisfactory historical account of their origin, different crosses, etc., under the following genealogical heads :—Shepherd’s Dog, Iceland Dog, Lapland Dog, Siberian Dog, Hound, Terrier, Large Spaniel, Small Spaniel, Water Dog, Small Water Dog, Bull Dog, Large Danish Dog, Irish Greyhound, English Greyhound, and Mastiff. Taplin, in his *Sporting Dictionary*, expresses his surprise that the Pointer is omitted ; but we consider the Pointer as a dog of

foreign extraction, and to our early ancestors certainly unknown.

The original stock from which English hounds have been bred would be very difficult to determine upon ; but one thing is certain—namely, that the several sorts with which the country once abounded have been becoming fewer and fewer in the course of the last hundred years, and now centre in three varieties,—namely, the fox-hound, the harrier, and the beagle. The stag-hound is gone, at least there is no pack of stag-hounds now kept in Great Britain, the last having been disposed of and sent abroad soon after the stag-hunting establishment in Devonshire was broken up, a few years ago. The beagle is also become rare ; and otter-hounds, such as we may conclude the *καστρόγονος* of Xenophon to have been, never existed in this country, the dog used in hunting the otter being the common harrier ; and perhaps the parent of all, the majestic blood-hound, whose

“Nostrils oft, if ancient fame sings true,
Trace the sly felon through the tainted dew,”

is at present very thinly scattered, here and there only, at keepers' lodges in some of our royal forests. But we more than doubt whether a true specimen of the original English blood-hound exists in England at all at the present day ; nor is this a matter of regret, as, unlike the rest of his species, his character is said to be that of decided enmity to man. Strabo describes an attack upon the Gauls by these animals, and likewise says they were purchased in Britain by the Celts for the purposes of war, as well as those of the chase ; but it is doubtful whether the most savage of this race would devour man without being trained to it; which we know that

they were on a late horrible occasion, when, as stated in Rainsford's *History of St. Domingo*, they were fed upon blood ; and a figure representing a negro, containing blood and entrails of beasts, was the object they were led to pursue. In the West Indies the blood-hound was reared and kept solely for following the track of runaway negroes, as the sleuth-hound of the Scotch was early applied to discover the haunts of robbers ; and to the same purpose also on the confines of England and Wales, where the borderers preyed on the flocks and herds of their neighbours whenever an opportunity offered. Of deer-stealers, who were so numerous a century or two ago, they were likewise the terror ; and well might they have been so, for when once fairly laid upon the foot of one, they seldom failed to hunt up to him. But it is in the civil wars of our own country that blood-hounds are placed in the most conspicuous light, when used to reveal the hiding-places of Wallace and Bruce ; and the poetical historians of the two heroes allude to their services to their masters, as well as to the escapes they had from those of their various enemies.

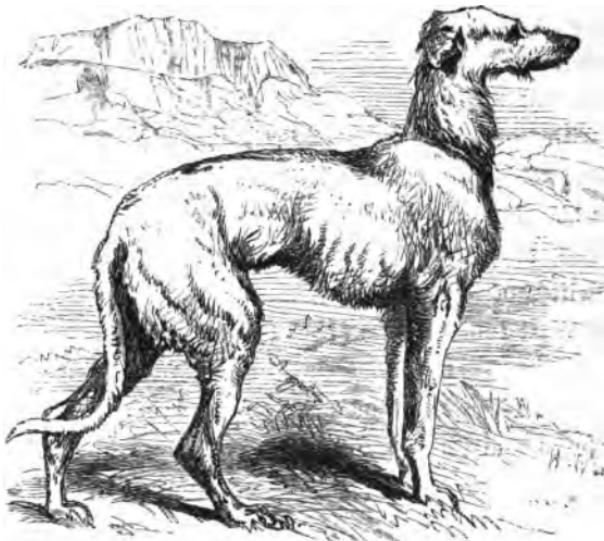
The distinguishing features of the English blood-hound are long, smooth, and pendulous ears, of from eight to nine inches in length, with a wide forehead, obtuse nose, expansive nostrils, and deep flewed, with an awfully deep but highly sonorous tongue. The prevailing colour is a reddish tan, darkening to the upper part, often with a mixture of black upon the back, and extending over. In short, the deep-flewed southern hare-hound, now almost extinct in England, very nearly resembles the English blood-hound in form and colour ; and a person may picture to himself the latter, by

supposing an animal considerably larger than the old southern hound. In height he is from twenty-six to twenty-eight inches, and sometimes more; but he is very seldom to be found except in the neighbourhood of a deer-park, where he is kept to track venison stealers. "Associations for the prosecution of felons" also keep them to assist in sheep-stealing cases. The Duke of Bedford has some fine specimens of this kind of dog, whose pedigree can, it is affirmed, be traced back for 300 years. Lord Yarborough's breed is also very famous, and it was very much improved about 1840 by a cross with Lord Fitzwilliam's "Bellman," who was considered to be to blood-hounds what "Furrier" and "Trogan" were to fox-hounds. Modern blood-hounds are rather deficient in the head, lips, and ears, but still they are very handsome, and swifter of foot than their ancestors. The blood-hound of the West Indies is also about the same height, but differs much in form. He has small, erect ears, the nose more pointed, and the hair and skin hard. His countenance is ill-featured and ferocious; and although not so heavy as the English blood-hound, he is quite as muscular, and very active. The distinguishing property of the blood-hound consists in his never changing from the scent on which he is first laid; and he will hunt by the shed blood of a wounded animal as truly as he will by the foot.

THE STAG-HOUND.

The English stag-hound, now nearly gone, is little more than a mongrel blood-hound; at least it is reasonable to conclude, that the cross which produced him was directly

from the English blood-hound with some lighter animal of a similar species (perhaps a greyhound, or lurcher) approximating his form, to which conjecture his figure and disposition, as well as his comparative inferiority of scent, appear to add strength. It is asserted in the *Sportsman's Cabinet*, that the stag-hound "was originally an improved cross between the



old English deep-tongued southern hound and the fleeter fox-hound, grafted upon the basis of what was formerly called, and better known by the appellation of blood-hound." But this assertion must have been made without proper reflection; for, in the first place, a cross between the deep-tongued southern and the fox-hound will not produce an animal nearly so large or so strong as the stag-hound; and, secondly, the stag-hound was known in England long before the fox-

hound was made use of, or, indeed, before there was an animal at all resembling the one which is now known by that term.

We confess we regret the prospect of the total extinction of the English stag-hound, which, although his form possessed little of that symmetry we now see in the English fox-hound, was a majestic animal of his kind, and possessed the property peculiar alone to the blood-hound and himself, of unerringly tracing the scent he was laid upon, amongst a hundred others ; which evinces a superiority, at all events a peculiarity, of nose entirely unknown to our lighter hounds of any breed. The want of being able to distinguish the hunted fox from a fresh-found one is the bane of English fox-hunting ; and there are not wanting those who think, that in the breeding of the modern fox-hound, the minor points of high form and blood are more frequently considered than they should be, in preference of a regard to nose.

THE FOX-HOUND.

The English fox-hound of the present day is a perfect living model ; but how he has become such, it is in no one's power to determine. Although we do not like to apply the term of mongrel to an animal we so highly respect, yet there can be no doubt of his being one of a spurious race engrafted with care on the parent stock, namely, *the old English blood-hound*. There is, we believe also, no doubt that a century and a half ago there was no animal in the world resembling the present breed of fox-hounds ; and that the fox, when hunted at all in Great Britain, was hunted by a dog much

resembling what is now known as the Welsh harrier, rough-haired and strong, but of very far from slighty appearance. As all animals, however, improve under the care and guidance of man, until at length they assume the character of a distinct breed ; such has evidently been the case with hounds, the



breeders of which have, by going from better to better in their choice of the animals from which they have bred, progressively arrived at the perfection we see in them. And such has been the case with all our domestic animals, the breeders of which have alone attained their ends by the choice of individuals of the highest excellence in their kind, and by a judicious selection of size, form, and qualities likely to produce the result. There can be no doubt, then, but that by pursuing this course throughout a number of genera-

tions with the hound, an animal has been produced of what may be called quite a new variety in the canine race, answering the description and purposes of our present fox-hound. But the questions may be asked, Whence the necessity for this change, and forcing, as it were, nature from her usual course ? Why not be content with the low-scenting, plodding hounds of our forefathers, which, from the superiority of their nose, not only displayed *hunting*, in the strict acceptation of that term, to the highest advantage, but very rarely missed the game they pursued ? These questions are satisfactorily answered in a few words ; first, as the fox is not now found by the drag, and the number of those animals is so greatly increased, the necessity for this extreme tenderness of nose does not exist ; and, secondly, by reason of the blood of the race-horse having gradually mixed with that of our hunters, the sort of hound we have been alluding to was not found to be adapted to their increased speed ; and particularly as, in proportion as nature lavished this fine sense of smelling on the old-fashioned hound, was he given to "hang" or dwell upon the scent, thereby rendering the length of a chase (which, to please the present taste, should, like Chatham's battle, be "sharp, short, and decisive") beyond the endurance of a modern sportsman. It is true Mr. Beckford, in his *Thoughts upon Hunting*, gives an instance of a pack of old-fashioned hounds, which ran in a string, as it were, one following the other, and yet killing twenty-nine foxes in twenty-nine successive runs, each fault being hit off by an old southern hound. But what would our hard-riding, modern sportsmen think of this as pastime ? Nevertheless, all who witnessed, as we have done, the style

of hunting of the Devonshire stag-hounds, will remember that there was a close similarity between them in chase, and the pack Mr. Beckford speaks of. But, as the same eminent author afterwards observes, it is the dash of the fox-hound of the present day that distinguishes him from all others of his genus, and hounds must now "carry a head."

The breeding a pack of fox-hounds to a pitch bordering on perfection is a task of no ordinary difficulty ; the best proof of which is to be found in the few sportsmen who have succeeded in it. Not only is every good quality to be regarded, and if possible obtained, but every fault or imperfection to be avoided ; and although the good qualities of hounds are very soon reckoned, their faults in shape and performance present a longer catalogue. Independently of shape, which combines strength with beauty, the highest virtue in a fox-hound is not in the exquisiteness of his nose, but in his being true to the line his game has gone, and a stout runner to the end of a chase. But he must not only thus signalize himself in chase ; he must also be a patient hunter, with a cold scent, or with the pack at fault. In short, to be a hard runner and a good hunter, and steady on the line, which "a good hunter" implies, constitutes a perfect hound, when combined with good form.

The faults of hounds, too often innate, can only be cured by education. The greatest of all are, skirting, or not being true on the line, and throwing the tongue improperly ; first, without a scent, which is known by the term babbling ; secondly, not throwing it at all, or running mute ; and, thirdly, on a wrong scent, which is called running riot. The latter, however, is the least vice of the two, because generally

curable by the lash ; but the fault of skirting is too often innate ; at all events, too often incurable. Thus has the breeder of the hound to guard against propensities as well as faults ; and a late accredited writer on the subject says : " In modern times, the system of hunting is so much improved, so much more attention is paid to the condition of hounds and their style of work, that in this enlightened age a master of hounds thinks it a reflection on his judgment if *one* hound in his pack is detected in a fault."*

The selection of dog and bitch to breed from is a nice point for a master of hounds, or his huntsman, to decide upon ; but if he aim at excellence, he must keep his eye on perfection. In no animal is perfect symmetry so desirable as in a fox-hound, for without it there is no dependence on his services, however good may be his nature. We will first describe him in the words of a very old writer, and afterwards in those of Mr. Beckford, when it will appear that there is a strong resemblance in the portraits drawn by each. " His head," says the former, " ought to be of middle proportion, rather long than round ; his nostrils wide ; his ears large ; his back bowed ; the fillets great ; the haunches large ; the thighs well trussed ; the ham straight ; the tail big near the reins, and the rest slender to the end ; the leg big ; the sole of the foot dry, and formed like a fox's, with the claws great." The latter says : " There are necessary points in the shape of a hound which ought always to be attended to ; for if he be not of perfect symmetry, he will neither run fast nor bear much work ; he has much to undergo, and should have strength proportioned to it. Let his legs be straight as

* Colonel Cook's *Observations on Fox-hunting, etc.*

arrows ; his feet round, and not too large ; his shoulders back ; his breast rather wide than narrow ; his chest deep ; his back broad ; his head small ; his neck thin ; his tail thick and brushy ; if he carry it well so much the better." Now the hound that would answer to either of these descriptions would disgrace no man's kennel, and one resembling the latter would be an ornament to it, but with regard to the former, it must be borne in mind, that it is from the pen of a sportsmen who wrote a century and a half ago, when, as has been before observed, there is reason to believe no animal in the perfect form of the modern fox-hound was to be found in this or in any other country. Judges of the animal, however, will be disposed to think with us, that there is much of the real character of the *hound* in the sentence we have quoted from this old writer ; such as the long rather than round head ; the wide nostrils (Pliny says they should be flat, solid, and blunt) ; and the dry fox's foot. But the "bowed back" appears to spoil all, unless by it is meant that gentle rise in the loins which the judge of hounds admires, and without which the late Mr. Chute of the Vine, in Hampshire, who hunted that country for more than thirty years, gave it as his opinion, no hound was able to maintain his speed for an hour over hilly and *ploughed* countries when "it carries ;"—a technical term for the earth clinging to the foot, which it will do after a slight frost on the preceding night, necessarily adding much to the natural weight of the hound. Beckford gives us the modern fox-hound, and perfect, with the exception of the mention of one or two material points. "His chest should be deep," says he, "and his back broad ;" but he has omitted a point much

thought of by the modern sportsman, namely, *the back ribs*, which should also be deep, as in a strong-bodied horse, of which we say, when so formed, that he has a good "spur-place," a point highly esteemed in him. Nor is either of these writers sufficiently descriptive of the hinder-legs of the hound; for although the "large haunch and well-trussed thigh" of the former denote power and muscle, nevertheless there is a length of thigh discernible in first-rate hounds, which, like the "well let-down hock" of the horse, gives them much superiority of speed, and is also a great security against laming themselves in leaping fences, which they are more apt to do when they become blown, and consequently weak. The fore-legs "*straight as arrows*" is an admirable illustration of perfection in those parts, by Beckford; for, as in a bow or bandy-legged man, nothing is so disfiguring to a hound as his having his elbows out, which is likewise a great check to speed. In some countries the round, cat-like foot is indispensable, and agreeable to the eye in all; but we would not reject a well-shapen puppy in other respects for somewhat of an open foot, provided his ankles or, fetlocks were good, *a point we consider of the greatest consequence to all quadruped animals*. The shoulders of the fox-hound should resemble those of the horse—oblique, but at the same time strong; for a narrow-chested hound is almost certain to get shaken by hard work, and consequently unlikely to endure beyond his third season.

As Beckford recommends the small head, we may presume the form and fashion of this point began to be changed in his time, and has, we think, been carried to too great an excess in the fox-hound of the present day, particularly in

one or two kennels (the Belvoir, for example), where very short, as well as small heads, were a leading characteristic. For ourselves, we like some length of head in the fox-hound, not being able to divest ourselves of the idea of a cross with the pointer when we see him with a short head and a snubbed nose. Beckford also says the neck should be thin. We would add, *moderately thin*. We dislike a thin neck in any animal but the cow or the stag ; at the same time we dislike a short, thick neck in a hound. His neck should be moderately long and moderately thick, with the muscles clearly developed ; it should rise gracefully out of his shoulders, with a slight curve or crest, and, completely to satisfy the eye, should be quite free from exuberances of flesh and hair on the lower side of it, called by huntsmen "chitterlings" or ruffles, the hound having them being termed "throaty;" although there are numerous exceptions to this rule, as some of the best hounds England ever saw have been throaty ; and although we are aware that one individual instance will prove neither the rule nor its exception, we can go as far back as to Mr. Meynell's famous stallion hound *Gusman*, for as throaty, and yet as good a fox-hound as we ever remember to have seen. We agree with Beckford that the "tail," now called stern, of a hound, should be "thick," and moderately "brushy ;" and if well carried, it is a great ornament to a fox-hound. But there is one part of it which the master of a pack likes to see nearly deprived of its covering, and that is its tip, which, when in that state, is an infallible proof of a hound being a good, and not a slack, drawer of covers.

But to return to breeding the fox-hound. In the breeding of some animals, beauty of shape is often dependent on

the caprice of fashion, or the taste of the breeder ; but in the breeding of hounds no such latitude can be given, for here beauty, or symmetry of shape, is alone in reference to utility, and adaptation of parts to the purposes to which they are to be applied. Yet the breeder of fox-hounds has one point further to go ; he must, as we before remarked, guard against *propensities*, which run in the blood of these animals perhaps stronger than their good qualities, and will sooner or later break out in their work. In the election then of a dog for a bitch, or a bitch for a dog, these matters must be attentively considered : and no man should breed from hounds of either sex that come under any of the following denominations, viz., not of a docile sort, but very difficult to enter to their game ; given to run mute ; to hang on a scent ; or to be skirters ; not only not true to the line, but given to run riot either in cover or in chase ; and, above all things, if found evidently deficient in nose, and not able to run at head. Good constitution should likewise be looked to ; but we would not reject a stallion hound, or a brood bitch, merely for being slack drawers, or for not being always at the head in chase, provided they were well bred, of good form, and true to the line, in cover, and out.

As to the proper combination of form, that must be self-evident to the breeder of hounds. If a bitch is a little high on her leg, or light, she should be put to a short-legged, strong dog, and of course *vice versa* ; if rather light in her tongue, that defect may be remedied by an opposite property in a dog. The defects in legs and feet can only be remedied by such means ; and fortunate is it for the owner of an otherwise perfect and excellent bitch, that such remedies are

at hand. Length and shortness of frame, as well as coarse points, are all to be obviated and altered in the same way, making allowance for the fact, that the laws of nature are not *always* certain. Constitution can likewise be mended by having recourse to that which is good (and none so easily detected as the dog's); and colour changed if required. In fact, as Beckford says, "It is the judicious cross that makes the complete pack;" and it was the remark of this practical writer, therefore high authority amongst sportsmen, that "he saw no reason why the breeding of hounds may not improve till improvement can go no further." The question may be asked, is not his prediction verified?

But the act of crossing hounds, as indeed all other animals, although never thoroughly divested of chance, is one of more difficulty than most people would imagine, and one indeed which, by its results, would often baffle, if not puzzle, the profoundest of our modern physiologists. Our space will not admit of our going at length into this intricate subject, but great mistakes, we conceive, have been made by masters of fox-hounds, in breeding too much in-and-in, from nearest affinities, instead of having recourse to an alien cross. This was peculiarly apparent in the packs of two very celebrated masters of fox-hounds, the late Sir Thomas Mostyn, Bart, and the late John Corbet, Esq. of Sundorne Castle, Shropshire (the former of whom hunted Oxfordshire, and the latter Warwickshire, each for upwards of thirty years), who bred in-and-in—Sir Thomas from a bitch called *Lady*, and her produce; and Mr. Corbet from a hound called *Trojan*, and his produce—to the great injury of their respective packs. We are aware it is asserted that a pack of fox-hounds

should have the appearance and character of being of one family ; but this expression is not to be taken in its literal construction. It is in the conformity of their character and appearance that they should bear a close resemblance to each other, and not in their close consanguinity. It is true, the celebrated pack of Mr. Warde, the present father of the field, and a master of fox-hounds for the unparalleled period of fifty-seven years, which sold for 2000 guineas, only contained, in 1825, three couples of hounds not of his own blood, and those the produce of one stallion hound, Mr. Assheton Smith's *Reubens*. But we have no proof of Mr. Warde's hounds being better for adhering so closely to his own sort ; on the contrary, it is the opinion, we believe, of the sporting world, reluctantly admitted, in consideration of the well-merited celebrity of their owner, that, latterly, the slackness of this renowned pack, unrivalled in fine form, was to be attributed to that circumstance. On the other hand, the rare but valuable combination of dash and nose, a match for the cold and ungenial Oxfordshire hills, for which the Duke of Beaufort's pack has been so long conspicuous, has been traced to his grace's late huntsman, Philip Payne (said by Colonel Cook, in his *Observations on Fox-Hunting*, "to be the best judge of breeding hounds in the kingdom"), going from home for his blood, and sending his bitches to the celebrated stallion hounds of the best kennels within his reach. This, however, it must be remembered, is not within the command of every man's purse, the expenses attending sending bitches to a distance, under any circumstances, being heavy ; as not only must they be placed under the care of a trusty servant on their journey, but there are other occult expenses attending

them, which none but masters of hounds are aware of. It is, however, a notorious fact, that the produce of some stallion hounds, if they have a fair chance by the bitches, seldom fail in turning out well ; and, perhaps, the most signal instance of "like begetting like" in this species of animal is that of Mr. Osbaldeston's *Furrier* having been the sire of an entire pack in that gentleman's kennel when he hunted the Quorn-don country in Leicestershire, which he would occasionally take to the field, amounting to more than thirty-five couples, although, as may be supposed, they were generally mingled with the rest of his kennel, which at that period contained a hundred couples of hounds. These *Furrier* hounds gave little trouble in the entering of them, and proved very true line-hunters, and everything that fox-hounds should be. The annals of fox-hunting likewise record similar instances of the peculiar properties of stallion hounds transmitting their virtues to many succeeding generations, especially in the instances of the Pychley *Abelard*, the *Beaufort*, and the *New Forest Justice*, Mr. Ward's *Senator*, Mr. Meynell's *Gusman*, Mr. Muster's *Collier*, Mr. Corbet's *Trojan*, Lord Yarborough's *Ranter*, with many others of more recent days, but too numerous to mention here. Perhaps at present the Yarborough and Fitzhardinge kennel blood is in the highest repute, and they generally run about twenty-three inches.

The size, or, we should rather say, the height of a fox-hound, is a point upon which there has been much difference of opinion. The long-established pack of the late Mr. Chute were at least three inches below the standard of his neighbour Mr. Villebois's large pack ; also as much below that of his Grace the Duke of Cleveland, who had for many years also

a large and a small pack ; and at least four inches lower than Mr. Warde's, in whose kennel were hounds full twenty-six inches high. Various arguments are made use of by the advocates of large and small hounds. Those of the former assert that they get better across a deep and strongly fenced country than smaller ones ; whilst the admirers of the latter insist upon their being better climbers of hills, more active in cover, and quicker out of it when their fox is gone ; and are oftener found to be perfect in form and shape. As to uniformity in size, how pleasing soever it may be to the eye, it is by no means essential to the well-doing of hounds in the field, and has been disregarded by some of our first sportsmen, the great Mr. Meynell for one, who never drafted a good hound for being over or under size ; neither did Mr. Assheton Smith, when he succeeded to his, Mr. Meynell's, country. The great object of both was to breed them with muscular power and bone, combined with as much symmetry as could be obtained ; and to be equal in speed and good qualities, rather than equal in height.

We consider the proper standard of height in fox-hounds to be from twenty-one to twenty-two inches for bitches, and from twenty-three to twenty-four for dog hounds ; but some masters of hounds consider that the perfection of breeding is to get the bitches to twenty-three. The late Sir Richard Sutton had once several twenty-five inch Fife dogs in his kennel, but he eventually preferred them smaller. The minimum and maximum size of the last seventy years would have been found in the kennels of Mr. Chute and Mr. Warde ; the Duke of Cleveland and Mr. Villebois coming next to Mr. Warde in what may be called the maximum

class. Mr. Chute's motto over his kennel door was " *multum in parvo* ;" and although full of power, and neat, his hounds did not more than average twenty-one inches. On the other hand, many of Mr. Warde's bitches, the most splendid animals of their kind and sex, were better than twenty-three, and some of his dog hounds twenty-six, inches high, which was about the standard of the original Devonshire stag-hounds. It may be said of hounds, however, as has been said of horses, that their height has little to do with their size, as far at least as their powers of action are concerned ; and doubtless in all animals that labour, a medium height is the best.

The amount of hounds bred annually will depend on the strength of the kennel, and the number of days hunting in the week which the country they are intended for requires. From sixty to eighty couples are about the complement for a four-days-a-week country, which will require the breeding of a hundred couples of puppies every year, allowing the usual diminution of the entry by malconformation, under size, and that bane to the kennel, the distemper, which often takes off a moiety of them. As the period of gestation in the female dog is somewhat over two calendar months, the fox-hound bitch should, if she can be spared, be put to dog in January, as then she will litter in the spring, when the weather is comparatively mild (cold being destructive of young animals of this sort), and the puppies will then come early into kennel, generally be of good size, and powerful ; and be entered without loss of time. The tips of their sterns being pinched off, and their dew-claws cut, whelps should be taken to their walks at about two months old ; and if to one where

there is plenty of milk or whey, they will be the better for it. Whelps walked at butchers' houses grow to a great size, but they are apt to be heavy-shouldered and throaty, and otherwise out of shape. If possible to avoid it, puppies should never be tied up, as perpetually drawing at the collar-chain throws their elbows out, and otherwise damages their legs, particularly by spreading their feet, and altering the form of their ankles, although it is sometimes almost impossible to avoid it, from their proneness to do mischief. If old bitches are bred from, they should be put to young dogs, and of course, *vice versa*; and a bitch should not be worked for at least the last month of her time; and immediately on her whelps being taken from her, a dose of physic should be given her.

It is said that the dog in a state of nature is subject to few diseases, and for these he finds his cure by an instinctive faculty; in a domesticated state, however, he is subject to many, and some of an awful nature, which may be classed among the *opprobria medicorum*, no certain remedy being discovered for them. Amongst these is one called the distemper, not known by our forefathers, but at present become a sort of periodical disorder in kennels, to the destruction of thousands of young hounds annually. The first symptoms of this disease are, generally, a dry husky cough; want of appetite, and consequent loss of flesh; extreme dulness, and a running from the nose and eyes. As the disease advances, it is attended with twitchings of the head, while the animal becomes excessively weak in the loins and hinder extremities; is greatly emaciated; runs at the eyes and nose, and smells very offensively. At length the twitchings assume the

appearance of convulsive fits, accompanied with giddiness, which cause the dog to turn round ; he has a constant inclination to dung, with obstinate costiveness at one time, or incessant purging at another. Finally, the stomach becomes extremely irritable ; everything swallowed is instantly thrown up ; and the dog generally dies in a spasmodic fit.

For the cure of this disorder many remedies have been prescribed ; but as none of them can be relied upon as specific, we decline giving them,* and prefer transcribing the following observations of an intelligent and experienced huntsman in the service of a noble duke, accompanied by a comment upon it by a noble lord, also a practical sportsman, hunting his own fox-hounds.

"As soon," says the former, "as the young hounds come in from quarters, a sharp look-out is kept for the distemper ; and as soon as any of its symptoms appear, a dose of cold-drawn castor-oil is given, and the following morning a dose of calomel and jalap. About seven grains of the former and twenty of the latter made into a bolus, and put over their throats before they have tasted anything, and their heads coupled up above the level of their bodies for two hours, so as to prevent them from vomiting up the medicine, which they are certain to do if this is not carefully attended to. They are then to have their broth and their meat. The oil and bolus to be repeated in a day or two as symptoms require ; that is to say, if the fever runs high, repeat the

* Colonel Cook says he has "sometimes" found the following efficacious :—Calomel three grains, cathartic ext. seven ditto, soap seven ditto, emetic tartar one-half grain. Make three pills, and give one every other day. Vaccination was tried in some kennels as a preventive, but it failed, and was abandoned.

bolus, and, if only to keep the bowels open, the oil in small quantities. Indeed the great thing is attending to circumstances, and acting accordingly ; as, for instance, nothing can be more different than when flux attends the distemper, and when fits and obstinate costiveness is the case. I believe, however, that at first a good scouring in both cases is of service. In flux, of course, don't repeat the calomel, but take moderate means to stop it, as flux in a minor degree tends to keep off both fever and fits. To allay the flux, arrow-root, or boiled milk and flour porridge. There is no doubt that laudanum is the surest method to stop it, but then it is sure to end with fits. Fits at the beginning are no bad sign, and at the end nothing can be worse. I never either approved of bleeding or vomiting in the distemper ; the first weakening too much, the latter creating and adding to the irritableness of their stomachs."

"With the foregoing plain, sensible, and simple treatment," says the noble lord in his comment on the foregoing observations, "my junior experience perfectly agrees with the opinion of ——— ; but I revert to what he justly adds about 'circumstances,' and differ from him about the bleeding, as I think a good scouring out, and bleeding, before anything symptomatic of the disease has fairly begun, highly commendable. But, *vice versa*, for instance, if you bleed, after the disease has fairly taken root, the lungs, nine cases in ten, being affected, it is ten to one you kill the dog ; but if done early in the day, I cannot but think it is of much service, prevents fever, and in many cases makes the disease less violent. I think perhaps the treatment of whelps, after they come in from their healthy walks to the close confinement of

sometimes an ill-kept kennel, is the cause of the distemper taking more violent hold of them than it otherwise would do ; and amongst the hundred pretended receipts of many huntsmen, the remark is a justly correct one, of what *may* cure one dog will kill another. But here ——— and his ‘circumstances’ put you right. What might be advisable would be this :—As soon as your puppies come in, look them attentively over ; divide the well-walked whelps from those that have been ill-walked ; bleed and scour well out the fat lot, paying of course attention to their diet, cleanliness, and exercise ; and cherish the poor lot by the best food, giving them the castor-oil without the calomel or the lancet. But a lot of well-bred fox-hound whelps are not to be left to the care of a whipper-in or a boiler, unless he is a perfectly sober, attentive, and experienced man ; for in this disease in the animal, as in the human species, the patient must be most attentively and closely watched.”

KENNEL MANAGEMENT.

The management of hounds in kennel has undergone great changes for the better since Mr. Beckford’s day ; and, divesting the mind of the inferiority of horse flesh over cow or bullock flesh, the food of hounds, both in its nature and the cooking of it, is such as man might not only not reject, if necessity compelled him to have recourse to it, but such as he would thrive and do well upon. It is a common expression, that “anything will do for dogs,” and experience informs us they will exist upon very miserable fare ; but hounds, *to be in condition*, must have every thing good of its

kind, and also well cooked. Were a master of hounds, or huntsman, of the present day, to follow Beckford's advice, of putting his hounds to a horse fresh killed after a hard day, his brother sportsmen would think him mad; nor is there scarcely anything now used in our first-rate kennels but the best oatmeal (Scotch or Irish is the best) one year old, and well-boiled horse flesh, quite free from taint. The meal is put into the copper when the water boils, and should be boiled up a second time, and, in all, for at least two hours; for nothing is worse for the wind of hounds than meal not thoroughly boiled. When taken out of the boiler, it forms a substance resembling coarse rice pudding; and when the fresh flesh, which is shredded, and the broth in which it is boiled, are added to it in the trough, and very well mixed, it forms the best and highest food that can be given to hounds. In some kennels, after the example of that famous huntsman the late Thomas Oldacre, the meal and flesh are boiled up together, with the idea that more of the virtue of the flesh is then imparted to the meal than when it is merely mixed with the broth; but the practice is not general. But such is the difference of constitution in hounds, and the aptitude of some, over others, to gain flesh, or become foul, that persons who are particular as to the condition of their packs have troughs filled accordingly, that is, one with thinner food than another for hounds of the former description. No animal in the world is so soon up and down in his condition as the dog; and, strange as it may appear, the effect of two or three extra mouthfuls of thick meat will be visible on some hounds on the second day after they have eaten them. Nevertheless, the dog

being strictly a carnivorous animal, cannot stand hard work without flesh, which he should have a fair allowance of once a-day, according as his constitution may require it. Some masters of hounds, however, (the justly celebrated Mr. Ralph Lambton one of them), do not feed with flesh on the day before hunting, giving only meal and broth ; and this on the supposition that the faculty of scent is more delicately susceptible without it. Young hounds lately come from walks should be fed twice in the day, as they do not always, at first, take to kennel food.

Colonel Cook is thus explicit and correct on the subject of feeding hounds, and their condition, the result of many years' experience and great attention to the kennel. "It is quite certain," says he "a hound too high in condition cannot run a burst, neither can a poor half-starved one kill an afternoon fox ; a hound, therefore, cannot be considered as fit to be brought out, if he is either too high or too low. I like to see their ribs, but their loins should be well filled up, and they should be hollow in their flanks ; he that is full in the flanks is sure to be fat in the inside, and consequently not fit for work. The feeding of hounds, and the bringing them to cover, able to run a burst, or kill an afternoon fox, is not altogether a thing so easy as some people imagine ; in fact, it requires nearly as much trouble to get a hound into condition as it does a horse ; and if the greatest attention is not paid to this particular, you cannot expect to catch many foxes. It is the condition of a hound which gives him the advantage over the animal he hunts. Nevertheless, their constitutions differ as much as those of the human species ; some require thick food, others thin ; the

same quantity which may be requisite for Ranter, if given to Rallywood, would render him unable to run a yard. Some time before hunting (say about three weeks), they should have plenty of walking exercise, and salts given them once a-week. If a hound is at any time very foul, the following receipt is very efficacious :—Three grains of *Aethiops* mineral, five grains of calomel, made into a ball ; the hound must of course be carefully kept from cold water."

In the summer time, when hounds are out of work, they do not require flesh more than twice a-week, and succulent vegetables in their food are at this time useful. They are also physicked and bled at the close of one season, and before the commencement of the next ; and, if necessary, dressed over with a sulphurous mixture during the idle months. But some owners of hounds, and huntsmen, object to dressing them, conceiving that it opens their pores too much, and subjects them to rheumatic affections.

One recent and great improvement in kennel discipline is a small reservoir of water within the walls, of sufficient depth to cleanse the legs of hounds, but not to wet their bodies, which they are made to walk through immediately on their coming home. Upon being turned into their lodging room, they commence licking themselves dry, which, as a dog's tongue is proverbially called his "doctor," is most beneficial to their feet by clearing them of sand or gravel, as well as healing any trifling wounds which they may have received. In the Duke of Cleveland's kennel, this reservoir is filled with broth, which, in addition to its healing properties, induces hounds to lick their feet still more than water does. In flinty countries, the feet of hounds are very

frequently wounded, which is a great disadvantage to those a little inclined to do wrong, as they are compelled to miss their turn, and so get above themselves. It also obliges a gentleman to keep a larger number of hounds than this country would otherwise require.

Hounds are fed on the day before hunting about eleven o'clock A.M., but some delicate feeders require to be let into the troughs a second time. After hunting, they are fed as soon as they have licked themselves dry, which, by the warmth that arises from their bodies when shut up, is very soon effected ; and in the summer time it is reckoned safer to feed them in the evening, as they then rest quieter throughout the night, and are less disposed to quarrel.

COLOUR OF HOUNDS.

In no animal is variety of colours more conspicuous than in hounds, and it adds greatly to their appearance when we see them in a body in the kennel, but still more so in the field. The prevailing ones with the fox-hound are these : Tan (not common) ; black (not common) ; black and white and tan (the most common) ; milk white (not common) ; red (very rare) ; blue (the same). Next come the blended or mixed colours, known in the kennel as "pies." There is the red pie ; the blue pie ; the yellow pie ; the gray pie ; the lemon pie (very handsome) ; the hare pie ; and the badger pie, which last is very characteristic of the fox-hound. The fox-hound is sometimes ticked, that is, his coat is dotted with small white specks on a dark ground, but he is rarely what is called "mottled" (motley) ; and, we believe, what is

known by "a blue mottled hound" is not to be found among fox-hounds, being peculiar to harriers and beagles. There was for many years a pack of "blue mottled" harriers kept near Croydon, in Surrey.

It is asserted that the original colour of the English fox-hound was fallow, or pale yellow (Shakspeare speaks of a fallow *greyhound*) ; and we are inclined to this opinion from its being spoken of in several old works upon hunting, as the "best colour for hounds that hunt the hart or roe ;" and there can be no doubt of our fox-hounds being originally descended from that breed of dog, be it what it may. As we know that a recurrence to original colour frequently takes place in animals and birds, after its disappearance throughout several generations, this may probably account for the various pied hounds we see in kennels, the produce of hounds of distinct colours, perhaps merely black and white, and often of those nearly black. Moreover, at Ashdown Park, in Berkshire, an old seat of the Craven family, there is a picture of a pack of fox-hounds, above a hundred years old, in which every hound is either fallow-coloured or red.

THE TONGUE, OR CRY OF HOUNDS.

The cry of hounds, melodious and heart-cheering as it even now is, has lost much of its poetical interest, from the change man has made in the natural organization of the animal from which it proceeds ; and we shall never again hear of a master of a pack, after the manner of Addison's knight, returning a hound that had been given to him as an "excellent bass," whereas the note he wanted was a "counter-

tenor." The acute Beckford, however, was something of the worthy knight's opinion ; for he says, in his *Thoughts upon Hunting*, "If we attended more to the variety of the notes frequently to be met with in the tongues of hounds, it might greatly add to the harmony of the pack." This is well in theory. The natural organisation of the dog is musical ; he is, in fact, a victim to musical sensibility ; and we may reasonably suppose that the notes of his companions in the chase may be as pleasing to himself as to the huntsman ; but we more than doubt whether a huntsman of this day would draft a highly-bred and beautiful young bitch, as good too as she looks to be, merely because her light, fox-hunting tongue might be somewhat drowned, and now and then lost, in the general chorus of the pack. He would rather say, "*Let every tongue be a fox,*"* and I'll leave the rest to chance." But, on a good day for hearing it, what *natural* sound is more delightful and animating than that of hounds in full cry, in the deep recesses of an echo-giving wood ?

THE AGE OF HOUNDS.

The dog exhibits no exact criteria of age after the first two years, during which time the whiteness and evenness of his teeth are a pretty certain test of his not exceeding that period. An old hound, however, cannot be mistaken if only looked in the face, where he shows old age nearly as distinctly as man. As to the length of services of hounds, that depends upon circumstances. Few are found in a kennel after their eighth year, and *very few* after their ninth ; and not many hard-

* "Every tongue a fox," is a well-known sporting phrase.

working hounds can "run up," or keep pace with the rest, after their fifth season at most. Hounds are in their prime in the third and fourth years ; and although there are a few instances, such as the late Sir Richard Sutton's Lucifer, the Beaufort Nector, and the Cheshire Villager, of their hunting in their twelfth, eleventh, and tenth year, the average of their work cannot, we fear, be placed beyond four seasons. Old hounds are useful in the field, but when they cannot run up with the pack, they should be drafted. The perfection of a pack consists in the great body of it being composed of hounds *quite in their prime*.

SEPARATION OF THE SEXES.

The separation of the sexes in the kennel *and in the field* is one of the late innovations in the sporting world, and generally considered as a good one. In the first place, it pleases the eye to see a pack of hounds nearly all of a size, which cannot be the case when it is composed of dogs and bitches mixed ; and the character of the animal is likewise more uniformly displayed when confined to one individual sex. Secondly, by the total separation of dogs and bitches in the kennel and in the field, the former are less inclined to quarrel, and the latter are more at their ease, than when subject to the constant, and, at times, importunate solicitations, of the male sex. Of their performances in the field, however, when taken into it separately, some difference of opinion exists ; and each sex has its advocates. With a good fox before them, and a warm scent, bitches are decidedly quicker, and more off-hand in their work, than dog hounds ;

but with a colder scent, or at fault, the general opinion is, that they are not so patient, and more given to over-run it. That they are superior in “*dash*,” which, Beckford says, is the distinctive characteristic of a fox-hound, we believe is universally acknowledged ; and a celebrated master of hounds,* who hunted them himself several seasons in Leicestershire, has been heard frequently to say, that if his kennel would have afforded it, he would never have taken a dog hound into the field. That, in the canine race, the female has more of elegance and symmetry of form, consequently more of speed, than the male, is evident to a common observer ; but there is nothing to lead us to the conclusion, that, in the natural endowment of the senses, any superiority exists. It is however remarkable, that the Latins, when speaking of hunting, or “*sporting dogs*,” as we call them, generally use the feminine gender, one instance of which is to be found in the second ode of the fifth book of *Horace* (*multâ cane*), which ode every sportsman ought to read, as it gives so pleasing a picture of a country life.

NAMES.

The naming of hounds and horses has nearly exhausted human invention, as well as classical research. Beckford furnishes a list of more than eight hundred names for hounds, alphabetically arranged. But the naming of hounds is somewhat under metrical control ; for it is not only confined to words of two and three syllables, but their quantity, or rather their time, must be consulted. For example, a dactyl, as *Lucifer*, answers well for the latter ; but who could holloa

* “Sir Bellingham Graham, Bart., of Norton Conyers, Yorkshire.”

to *Aurora*? a trochee, or an iambus, is necessary for the former, the spondee dwelling too long on the tongue to be applied smartly to a hound. But there ought to be a nomenclature, as of old, at every kennel door ; for it is but few persons unconnected with a pack that can recollect their names until after a rather long acquaintance with them, from the great similarity of form, character, as well as sometimes of colour, in old-established kennels. "How is it possible," said a young master of fox-hounds a few years ago, "that I should distinguish every hound in my kennel by his name, when I find *three* spots on one side of their body, and *five* perhaps on the other?" There have been, however, and still are, persons who can see a large kennel of hounds *once* drawn to their feeding troughs, and call them all by their names afterwards, the result alone of a keen and practised eye.

The price of hounds is strangely altered within the space of half a century, or less ; and on this subject we cannot do better than quote Colonel Cook. "Hounds," says he (p. 6), "have always been much undervalued ; we sometimes hear of eight hundred or even a thousand guineas as the price of a hunter, and the sum of three or four hundred is often considered as a mere trifle ; whereas a pack of hounds, *on which everything depends*, was only considered worth a few hundreds. Yet Shakespeare himself appears to have known the value of a hound ; for in his "*Induction*" to the *Taming of the Shrew*, a nobleman returned from hunting thus speaks of his hounds with delight to his huntsman :—

Nobleman. Huntsmen, I charge thee, tender well my hounds ;
Brach Merriman,—the poor cur is imboss'd,
And couple Clowder with the deep-mouthed brach.

Saw'st thou not, boy, how Silver made it good,
At the hedge-corner, in the coldest fault?
I would not lose the dog for *twenty pound*.

Huntsman. Why, Belman is as good as he, my lord;
He cried upon it at the mearest loss,
And twice to-day pick'd out the dullest scent;
Trust me, I take him for the better dog.

“The sum of twenty pounds for a single hound in Shakespeare's time,” continues the Colonel, “and that not the best in the pack either, was no inconsiderable price. I am not alluding to ‘a lot of curs;’ but surely a well-bred, established pack of fox-hounds including brood bitches and puppies at walk, must be cheap at a thousand or twelve hundred pounds.”

How far an established pack of fox-hounds is cheap at a thousand or twelve hundred pounds, is a matter of consideration with reference to concomitant circumstances. We should put the average price at something less than the highest of the above sums, although several packs have been sold for the former sum; and the justly renowned one of Mr. Warde fetched two thousand guineas. When blindness unhappily compelled Mr. Folgambe to lay aside the scarlet in 1845, his pack was sold for three thousand guineas. The late Lord Middleton gave Mr. Osbaldeston two thousand guineas for ten couples of hounds out of his kennel, and the Earl of Stamford gave four hundred and seventy guineas for four couples of Mr. Richard Sutton's hounds!

THE HARRIER.

The modern harrier bears no greater resemblance to the one in use fifty years back, than the hunter of the present

day to that ridden by our grandfathers. In fact, he is now nothing less than the fox-hound in miniature, which it is the endeavour of all breeders to have him. Their qualities also are as opposite as their form, the one delighting to dwell upon the scent, the other a little inclined, perhaps, to the



other extreme. But the taste of the day for all sports of the field would not endure the tedious exactness of the old psalm-singing harrier ; and not only in point of diversion, but on the score of the *pot*, the balance is greatly in favour of the improved variety. Before the old-fashioned harrier, the hare had time to play all sorts of tricks, to double on her foil, and so stain the ground that she often escaped by such means ; whereas the modern hound, if the scent be tolerably good, forces her from her foil to fly the country, and very often

beyond her knowledge, when a good straightforward run is the almost invariable result. The observation of Mr. Beckford holds good here. He could not, he said, imagine a hound too *well* bred to show sport, and kill his game ; but he could readily conceive the reverse, when the game ran stout and well.

To the late Sir John Dashwood King, Bart. of West Wycombe Park, Bucks, is the credit due for what may be termed the living model of the present improved harrier ; and so characteristically stamped is his sort of hound, now widely spread, that they are recognised by a sportsman at the first glance. Their standard height did not exceed eighteen inches, and therefore, in that respect, they were not an over-match for their game ; but from the great equality of their size and speed, combined with rare hunting qualities, they killed more hares, with good runs than any other pack in the kingdom, and for many, many years in succession certainly “bore the bell.” Sir John kept them more than thirty years, at Bourton-on-the-Hill, Gloucestershire, near the four-shire stone on the Oxford and Worcester road, where his father kept them before him ; hunting partly in the vales of Warwickshire and Worcestershire, and partly over the Cotswold Hills, which latter country is famous for the stoutness of its hares, frequently standing an hour before this celebrated pack, after having been driven beyond their knowledge by their *pressing* method of hunting up to them, a method quite unpractised by the old long-eared harrier. The parent stock of this pack was a small fox-hound from the Duke of Grafton’s kennel, called Tyrant, whose blood, form, and character, were strikingly apparent throughout ; and so great was its celebrity,

that it fetched the highest price ever known to be given for harriers, namely, seven hundred guineas, by Lord Sondes of Rockingham Castle, Northamptonshire. Sir John, however, deserved success. He bred upwards of seventy couples of hounds every year, and had an establishment of horses, etc., nearly equal to fox-hounds. The hare-hounds bred for many years by Mr. Yeatman of Stock House, Dorsetshire (who lately resigned the Blackmore vale country, in which he hunted foxes), came next to Sir John's in the true form and character of the modern harrier.



THE BEAGLE.

This variety of the dog is now nearly extinct, and for the same cause as the stag-hound. Time is at present con-

sidered as too precious to afford an hour at least, and perhaps two, to the hunting down one hare, which is now accomplished in a more off-hand manner, in twenty minutes. To an admirer of nature, however, and of the endowments given to inferior animals, the busy, intelligent, and highly-gifted beagle certainly affords a treat. His form, also, when not out at his elbows, is handsome in the extreme, and his perseverance in chase is exceeded by none. But he has one of the greatest faults that hounds can possess ; he is noisy, and dwells upon the scent, whilst his game is flying the country before him. In fact, his only use or value now is (independently of being looked at and admired, for he is a perfect animal of his kind) to accompany a brace of greyhounds when a hare is wanted, and not ready at hand. There is, however, one pack of beagles kept in Dorsetshire, known as the Mountain Harriers, whose performances are much spoken of in the sporting world. Mr. Honeywood of Essex had also a most famous pack, averaging from 9 to 10 inches in height, and 9 lbs. in weight, which he sold to Prince Albert ; and the celebrated O'Connell used to beguile his winter leisure with a dozen of these tiny favourites, such as have never been surpassed for breed in Ireland.

THE GREYHOUND.

The greyhound has now lost his place in the catalogue of the dogs used in chase, neither can be classed as such, since man has deprived him of the necessary faculty of smell ; but he was held in such high estimation in the middle ages, as to be considered as the peculiar companion of a gentleman. He never went abroad without these dogs ; the hawk which

he bore upon his fist, and the greyhounds which ran before him, were certain testimonies of his rank ; and in the ancient pipe rolls, payments appear to have been often made in these valuable animals. But at no period of his existence was the greyhound the symmetrically elegant animal we now see him,



nor possessed of nearly so much speed ; neither was the diversion of the leash at any time carried on with so much spirit as within the space of the last thirty years, in various parts of Great Britain. But the necessity for, or rather the cause of, the change in the form of the greyhound, may be traced to his being no longer, as formerly, made use of to course and pull down deer, but chiefly to exhibit his speed at our different spirited coursing meetings, for the various prizes contended for, as also in private matches.

The *Courser's Manual or Stud-Book*, by Thomas Goodlake, Esq. (1828), has the following interesting passages on the alteration effected in this species of dog. "In the

days of Elizabeth," says the author, "the greyhound seems to have been a fine and effective animal, but approaching more to the bony, wire-haired make of the Highland greyhound represented in the pictures of Edwin Landseer, and deficient in the symmetry and fine glossy coat which mark a high-bred kennel of modern times. It is probable, that during the early part of the seventeenth century, judicious crosses were made, partly from the beautiful Italian greyhounds, which we often see in family pictures, accompanying our fair ancestresses in their parks and plaisances, and partly from the stouter breed of dogs represented in Flemish hunting-pieces ; and that even Persia and Arabia, whose greyhounds are not to be despised in point of form and speed, contributed their quota of blood ; as it is shown by the history of Cromwell's Coffin Nail, that the wealthier gentry of that period spared no expense or pains in improving the more highly-prized breeds of sporting animals. If we mistake not, some of the pictures of Charles the First contain portraits of greyhounds approaching nearly in point of coat and shape to the present breed."

Speaking of the late Lord Orford, who established the first coursing club that we read of, at Swaffham in Norfolk, in the year 1776, the same writer says, "He could command such an immensity of private quarters, or walks, as they are generally called, for greyhounds, that he bred largely, and few possessed the same advantages of selection. He is recorded as having at one time fifty brace of greyhounds ; and it was his fixed rule never to part with a single whelp till he had had a fair trial of his speed ; consequently he had chances beyond almost any other individual, of having a

collection of very superior dogs. Intent on obtaining as much perfection in the breed as possible, he introduced every experimental cross, from the English lurcher to the Italian greyhound. He it was that first thought of the cross with the English bull-dog, in which he persevered in opposition to every opinion, until, after breeding on for seven removes, he found himself in possession of the best greyhounds at the time ever known ; and he considered that this cross produced the small ear, the rat-tail, the fine, thin, silky coat, together with that quiet, innate courage which the high-bred greyhound should possess, preferring death to relinquishing the chase." There is something curiously analogous to the sense conveyed by the concluding words of this extract. His lordship fell dead from his horse immediately after witnessing the triumph of his famous bitch Czarina, in a match at Swaffham, having been in vain admonished on the impropriety of taking the field in his then indifferent state of health ; and his memory is introduced as a toast at most coursing meetings, as father and patron of the sport. Earls Craven and Stradbroke, and the late Earl Sefton, have always been great patrons of the leash ; and on the whole the blood of Figaro is the most uniformly successful that we now possess.

It would be hopeless to speak with any degree of certainty as to the relative running forms of dogs, as nearly every great courser has his *beau ideal* among cracks, past or present, and his own notion as to the best blood. In old times, Snowball stood pre-eminent ; and King Cob is said by many to have been the most perfect of greyhounds in his shape. The far-famed litter of six by Figaro out of Bessy

Bedlam, produced seven hundred and eighty-two guineas at Mr. Brown's sale at Doncaster in 1854. This gives an average of fifty-six guineas for five, while Bedlamite was bought in for five hundred guineas—a price which has, we believe, never been exceeded for a dog. Bessy Bedlam, "the invincible," was never led to her hare, and never beaten, winning the twenty-two courses she ran in public. In fact, she and her "Bedlamite litter" won twenty-five first-class cups or stakes, divided eight, and ran up for six, in which 944 dogs were engaged. Cerito and Mocking Bird were also wonderfully successful bitches; and perhaps one of the best "workers" ever out was Lady Harkaway, the property of Father Tom Macguire. The Emperor, Bugle, and Dusty Miller, strains rank very high; and Mr. Webb's "War Eagle litter," which owned Foremost as their sire, was "a great fact" in its day.

Stonehenge, who is by far the greatest living authority on the greyhound, considers that there are six varieties of it, and all with different characteristics. The principal of these is the Newmarket greyhound, which is the oldest, and was brought to the highest perfection in the days of Lords Rivers and Orford. They combine stoutness with very high speed, but are seldom first-rate workers with their hare. They require, in fact, a very fast hare to show themselves to advantage, and are often beaten in working by dogs, which but for them, would never have reached the hare at all. The Lancashire greyhound is very like his Newmarket ancestor, but does not show so much "quality" about the head and neck, and is generally rather larger; and some of the best of them have measured twenty-eight inches, and

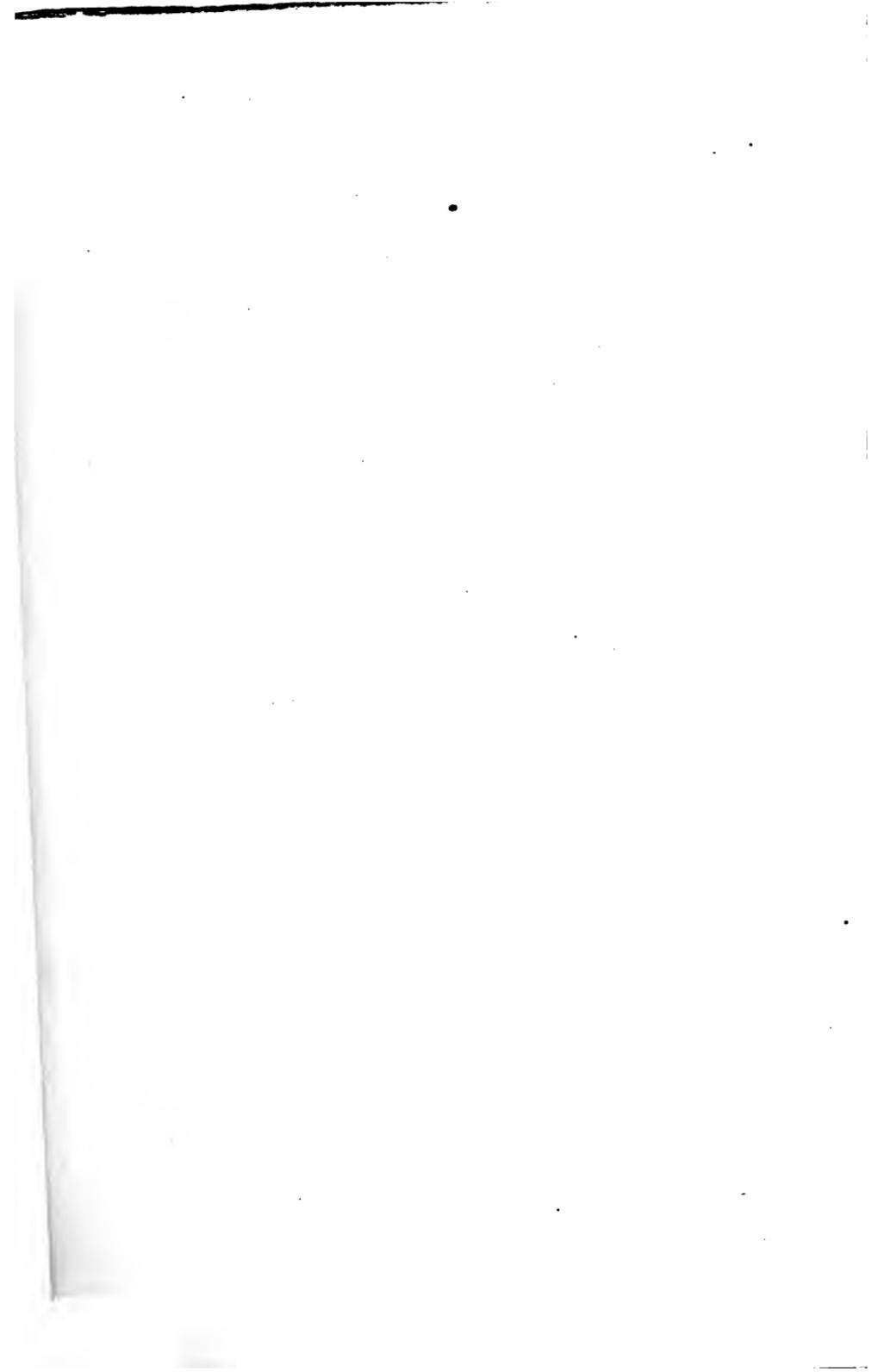
weighed seventy pounds. Their stride is very great, and so is their power of jumping ditches, which are so rife at Lytham and Altcar. Bedlamite, who forms the subject of our plate, is half Lancashire and half Newmarket, and so is Sackcloth, who travelled nearly 3000 miles by the rail in 1853-54 to meetings the season but one before his noble owner died. Yorkshire greyhounds are quite as speedy as either their Lancashire or Newmarket rivals, and are generally of a great size, and rather coarse. No dogs are "cleverer," but this talent sometimes degenerates into a tendency to lurch. The smooth Scotch greyhound has been very much crossed with English blood, and the principal strains are Jason's, Heather Jock's, Waterloo's, and Mr. A. Graham's kennel, which has a great deal of the Emperor and Bugle blood in it. A great majority of them run remarkably well in puppy produce stakes, and though their tempers have a degree of uncertainty, and they are not so fast as the Newmarket dogs, they work much more close with a bad hare. The speed of the rough Scotch greyhound is not very great, and they are slow at their turns, but they are exceedingly hardy, and stay well in a long severe stretch with a straight-backed hare. The sixth section, or the Wiltshire dog, is especially bred for stoutness, to cope with the extraordinary hares which are generally met with at Amesbury, Marlborough Downs, and sometimes at Ashdown Park; and his power of stopping himself and getting away at his turns is something marvellous. Modern Wiltshire greyhounds are rather small, stout, and terrier-like; but many of the best old Wiltshire blood, like Billy-go-by-'em, were much larger.

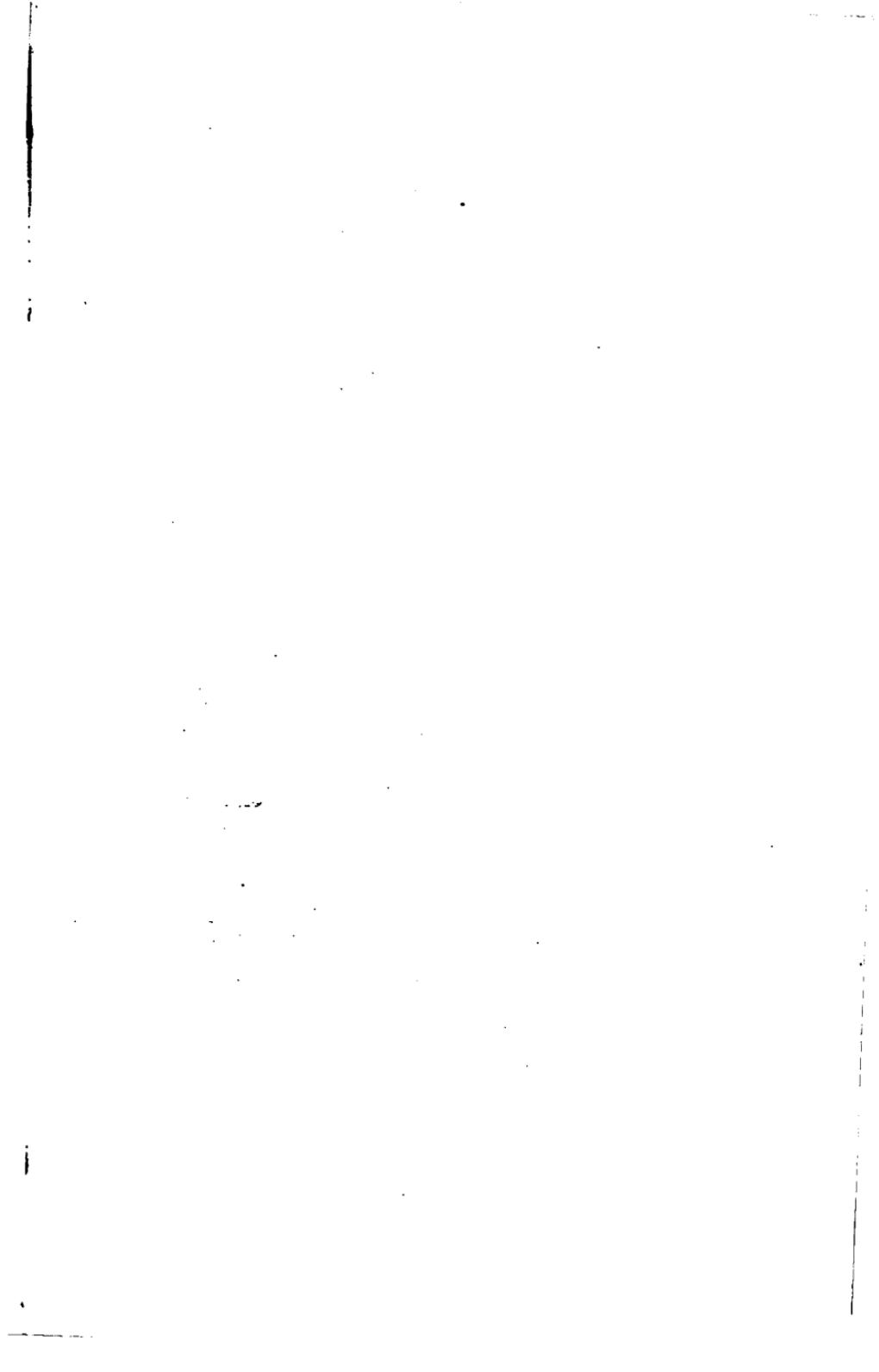


THE TERRIER.

The terrier is no longer the accompaniment to a pack of fox-hounds, and for the best of all reasons—foxes are not nearly so often digged for as formerly ; and his only use was, by his bay, to inform the diggers whereabouts the fox lay ; and we suppose he took his name from his being so eager to get under ground. There is also a second reason why he is better left at home. He was seldom steady from *wing*, if he was from *foot*, and thus often the cause of riot. It was, however, a matter of astonishment to behold those which were very highly bred, making their way, as they did, to the end of the longest chases, over strong and wet countries, as well as through the thickest covers, and so often making

their appearance at the end of them. At all events, if left behind, they were sure to find their way home in the course of the night, whatever the distance might be. One peculiarity of form was essential to their being sure of getting up to their fox, viz., not too full in the shoulder; and those whose colour was pure white, and who were broken-haired, were generally most esteemed by huntsmen. It was often their lot to lose their life, by scratching up the earth behind them, and cutting off their means of retreat; and they were now and then killed by a fox, the latter a rare occurrence. They were commonly entered to a badger, whose bite is more dangerous than that of a fox. Rough Scotch terriers are considered rather softer in the mouth than they used to be; and the best English terriers are now bred out of a bull-bitch by a smooth English terrier, and run from eleven to twelve lbs. Mr. Collier has a good breed of them, and the Duke of Beaufort's are also especially famed.







NEW YORK.

Lithographed by Adam & Charles Black.



HUNTING.

ONE of the greatest compliments paid to the chase is, its having been considered as a theme worthy the pens of the ablest writers of the most refined periods of the world. Whilst Greece was the nursery and residence of every branch of polite literature, and of all the arts and sciences then known to mankind ; whilst every study that depends on the powers of the imagination, or the faculties of the understanding, was there carried to the very summit of perfection, we find Xenophon composing his *Kυνηγετικός*, treating of every description of field-sports. He, according to the custom of the times, opens the subject with fable, and tells us that hunting, which he calls the gift of the gods, and the use of dogs, originated with Apollo and Diana, and that the invention was made a present

of to Chiron, who took pupils in the art, each of whom was, in his turn, honoured by the gods (*ἀπὸ θεῶν ἐτιμηθῆν*). His real object, however, was to encourage in the youth of his country a taste for the pleasures of the chase, and other manly pastimes, as the best preparation for war, the senate, and the world. Whilst he condemns the effeminate man as shamefully useless to his country, he represents the well-trained sportsman as not only mighty in war, but ready to sacrifice his person and his wealth to the public good. As a preparation for war, and particularly the higher branches of the soldier's profession, we need not the testimony of Xenophon; for our own experience has shown us that, speaking generally, no man takes a view of a country, at first sight, with equal facility to a sportsman, particularly a sportsman who has been accustomed to follow hounds. Indeed, unless he have what is called in the field "a good eye to a country," he cannot ride with judgment after hounds in our inclosed or woodland districts; and when the chase is concluded, it is surprising to witness the rapidity with which an experienced fox-hunter sees the points of a country in which he is a stranger, that must lead him towards his wished-for home. With respect to the other advantages alluded to by Xenophon, he had very good authority for what he asserted of them. The Olympic games were established by the Greeks for two distinct purposes: first, to inspire their youth with a love of glory, as well as a taste for manly and invigorating exercises, conducive to contempt of danger, and coolness when exposed to it; and, secondly, with a view of drawing together the leading men of the different states of Greece, which gave them an opportunity of deliberating upon matters of general

concern. As regarded the other various occupations of life which a gentleman is called upon to fulfil and do honour to, we may remark, that an irreproachable moral character was a necessary qualification for a competitor at those games or sports. Drawing something like a parallel here, then, we may add, that neither is a sportsman in our own country esteemed, how skilful soever he may be, if his character be tainted with fraud ; and we are not unmindful of the advantages derived from the mixture of society in the hunting-field, or of the many valuable and lasting friendships that may be dated from accidental meetings by the cover side. But Xenophon wrote in praise of hunting rather perhaps as a soldier than a philosopher, giving it as his opinion, that the exercise of the chase formed the best soldiers in the world ; that it habituated men to cold, heat, and fatigue ; that it kindled courage, elevated the soul, and invigorated the body ; that it retarded the effects of age, and rendered the senses more acute ; and, finally, that the pleasure it afforded was a sovereign remedy against all mental uneasiness ; in which latter sentiment he is seconded by a modern author of celebrity, who says that “the chase fortifies the heart as well as the body.” Nor is Xenophon the only eminent soldier or philosopher of his renowned country who has written in commendation of hunting. Aristotle wrote a treatise on field-sports, by order of Alexander the Great ; and Polybius, one of the greatest soldiers of any age, relates that Maximus restored discipline in the Roman legions, by often exercising them in hunting ; and he even goes so far as to celebrate one individual sportsman, Ptolemy Epiphanes, for his dexterity in killing a wild bull. Amongst the poets of Greece, Oppian distinguished

himself highly by his poems on hunting. So excellent, indeed, were they considered by his emperor, that he is said to have presented him with a piece of gold for every verse they contained, and thus they acquired the honourable appellation of "the golden verses of Oppian." Several of the most splendid similes of Homer are taken from hounds in chase, and in the manly disposition of Achilles we see the formation of the heroic character by the pursuits of the chase.

The Romans at one time discouraged hunting amongst the upper orders of society, from the fear of its becoming a passion which might divert them from their essential duties. But here they committed an error; for, aware of its beneficial effects in forming their people for war, they substituted public exhibitions of animals destroying each other in an amphitheatre, which could only have hardened the heart, without advantage to either body or mind. Yet we find many of their emperors encouraging hunting, and many of their best writers extolling it. The learned and polished Hadrian was so passionately addicted to hunting, and also to horses and dogs, that he erected monuments to the memory of the latter, and built a city on the spot on which he had killed a wild boar, after a desperate encounter with him, and which he called by a word which, being interpreted, signifies Hadrian's chase. Amongst the celebrated writers of the Augustan age, we may mention two, who, not being themselves sportsmen, could only have made sporting a subject for their pens from the sense of the benefits arising from it. Virgil makes his young Ascanius a sportsman as soon as he is able to sit his horse; and he also makes him, at a very

early age, the first in the fight (*primum bello*), as he had been the first in the field. In the speech addressed to him by the bold Numanus, which cost that hero his life, we have the fittest contrast of the evils of effeminate habits with the benefits of manly pursuits, that the pen of a satirist could produce. The words, *O veræ Phrygiae, neque enim Phryges!* "Oh, worse than women in the shape of men," convey the severest rebuke a nation could receive for having made themselves contemptible to their enemies, by the effects of an effeminate life, and pursuits unworthy of men; whereas the advantages of the manly exercises of youth are finely set forth in the vaunting exclamation of this hardy Rutulian. Neither is Horace behind his contemporary poet in his disgust of an effeminate youth. In the twenty-fourth ode of his third book, he beautifully contrasts those softening pleasures which emasculate the mind and enervate the body, with the opposite effects of manly sports and exercises; and in his justly celebrated *Epistle* to Lollius, he recommends the chase, not only as a noble exercise, but as contributing to health and peace of mind. His *Carmen Saeculare* was also written in honour of manly exercises; and in another of his odes we find him upbraiding a young Roman for giving up the manly exercise of riding; and glancing at the destruction of Troy, and the feminine education of Achilles, seems to insinuate, that effeminacy was likely to destroy the energies of his own countrymen, as it had those of others. That his apprehensions were not unfounded, a few centuries proved; for the Romans, after the conquest of Persia and other distant kingdoms, participating in their luxurious habits, became as easy a prey to the Goths and Vandals, as

the Grecians and other nations had before been to themselves ; and, in the decline of the republic, the few victories which they gained were achieved but by the terror of their name. Minor poets have also made sporting their theme : Gratius wrote a poem on coursing. He was contemporary with Ovid, and a sportsman, as the knowledge of his subject denotes. Nemesianus also, three centuries afterwards, wrote some poems on hunting, though they have not been so highly esteemed. But the sports of the field are alluded to by innumerable classic writers, and made the groundwork of their most beautiful allegories and fables, both in verse and prose ; and perhaps, after all, the greatest compliment that can be paid to them, as well as the best answer to the assertion that any man can make a sportsman, is to be found in the latter department of literature. We allude to the letters of that accomplished country gentleman and scholar, Pliny the consul, in which he speaks of his prowess in the chase. In one addressed to Tacitus the historian, boasting of a famous day's sport he had been enjoying, he also boasts of the good effect it had had on his mind, telling him that Minerva accompanied Diana on the hills ; and in the eighteenth letter of the fifth book he goes a point beyond this : "As for myself," says he to his friend Macer, "I am employed at my Tuscan villa in hunting and studying, sometimes alternately, and sometimes both together ; *but I am not yet able to determine in which of those pursuits it is most difficult to succeed.*"

It is not surprising that hunting should have been the theme of poets, as poetry then ceases to be the language of fiction ; neither can the subject itself be deemed unpoetical,

as it affords an opportunity to expatiate, not merely on the beauties, but also on the endowments of nature. That the feelings of nature have more of rapture in them than those which are excited through the medium of science, is a fact which cannot, we think, be denied ; and thus do we account for the exhilarating passion of the chase. To describe a chase, however, is a task of no small difficulty, and perhaps more so in prose than in verse, as the imagination must be powerfully excited by the transporting scenes on which it has dwelt, and cannot well be restrained in a mere recital of facts. When the noise of the battle is over, powerful must be the pen that could revive the clang of arms. "The chase is done," sings Ossian ; "and nothing is heard on Ardven but the torrent's roar."

Somerville's poem of *The Chase* will live to the end of time ; for although it was not faultless in the eyes of the perhaps too rigid Johnson, it is written with the spirit and fire his subject demanded ; and many of the instructions it conveys, when stripped of their poetical dress, are esteemed by sportsmen of the present day. "Manners," says Lord Kames, "are never painted *to the life* by any one to whom they are not familiar ;" neither could a man have written the poem we speak of unless he had been himself a sportsman. Indeed his descriptions of hunting the hare, the stag, and the fox, place the objects clearly and beautifully before our eyes, and show that the poet had often witnessed with rapture the scenes to which he devoted his muse. The following passage, descriptive of the feelings of a master of hounds on a hunting morning, is not merely truly natural, but at the same time highly poetical :—

"Hail, gentle dawn ! mild, blushing goddess, hail ;
Rejoiced I see thy purple mantle spread
O'er half the skies; gems pave thy radiant way,
And orient pearls from every shrub depend.
Farewell, Cleora ! here, deep sunk in down,
Slumber secure, with happy dreams amused.
. . . . Me other joys invite ;
The horn sonorous calls, the pack awaked
Their matins chaunt, nor brook my long delay :
My courser hears their voice ;—See there ! with ears
And tail erect, neighing, he paws the ground :
Fierce rapture kindles in his redd'ning eyes,
And boils in ev'ry vein."

Although hunting *songs* are a species of ancient lyrics, of which the specimens are rare, and in our own country "the songs of the chase" do not appear to include any earlier than the middle of the seventeenth century, we have some of a more modern date that have been highly popular with the public, and no doubt have given the original impulse to many a good sportsman. The power and force of national songs have never been disputed in any age ; and he who said that if he were allowed to compose the ballads of a nation, he would soon alter its form of government, uttered a boast not altogether unfounded in the principles of human nature. Compositions of this kind, then, that tend to encourage a love of manly pursuits and pastimes, and give a relish to a country life, should by no means be thought lightly of by a people who, like ourselves, have ever been conspicuous for our excellence in the one, and our fondness for the other ; but which, in the opinion of some, appear to be on the wane, as the natural consequence of our present state of almost excessive refinement. This would be a real cause for regret.

The fondness for rural life amongst the higher order of the English has hitherto had a great and salutary effect upon the natural character of their country ; and there cannot be found a finer race of men than the country gentlemen of Great Britain. Instead of the softness and effeminacy which characterize the men of rank of most other nations, they exhibit a union of *natural* elegance and strength, a robustness of frame and freshness of complexion, which are to be attributed to their living so much in the open air, and pursuing so eagerly the invigorating recreations of a country life. Their hard exercise produces a healthy tone of mind and spirits, as well as of body, accompanied with a manliness and simplicity of manners, which even the follies of a town cannot easily pervert, and can never entirely destroy. Let us, however, hope that the fears on this head are groundless ; let us hope that what Horace sighed for, what Cato, Plato, and Cicero recommended, what Bion eulogized, what all the best poets of antiquity sang the praises of (according to the poets, the golden age was spent in the country), and for which kings and emperors quitted their thrones, will never be ill suited to, or considered as beneath, the taste of a British country gentleman, in what circle soever he may move. That the sports of the field are classical, the authority of all ages will vouch for ; neither is the man of fashion, or *haut ton*, by any means incompatible with the country gentleman and sportsman. On the contrary, how has the character of Paris been handed down to us by the poets ? Was he not the finest gentleman, the greatest favourite of the female sex, the greatest beau of his day ? Such he is represented to have been ; but, although a prince, he had been bred a shepherd ;

and from the robust habits he had acquired in his youth, he was the only man who could stand up against the powerful arm of Dares, the great champion of his day. What was the all-accomplished Pliny, or Lollius, whose education Horace had superintended ?

Again ; on the score of health, the chief felicity of man, were it not for the sports of the field, the softness and effeminacy of modern manners, in the higher walks of life, would soon exhibit their pernicious effects on forthcoming generations, by depriving them of their natural defence against diseases incident to our climate, by subjecting them to that morbid debility and sensibility of the nervous system which lays the foundation of most diseases, as also depriving them of the courage to support them. And who enjoys the blessing of health equally with the country gentleman and sportsman ? Somerville says,

"In vain malignant steams and winter fogs
Load the dull air, and hover round our coasts ;
The huntsman, ever gay, robust, and bold,
Defies the noxious vapour, and confides
In this delightful exercise to raise
His drooping head, and cheer his heart with joy."

Certain is it, the rough sports of the country have been known not only to cure diseases of long standing in the human frame ; but the exercise of hunting, *with the temperance it enjoins*, absolutely steels the constitution, as the poet expresses himself, against the attacks of the most common of the diseases peculiar to this variable climate. Its effect on the mind, which he also alludes to, is of no less value ; for, from the very exhilarating nature of the amusement, it relieves

it from dwelling upon its anxieties, from which few persons are free ; and it is one of the best cures for the heartache, or any of those shocks which our flesh is heir to :—

“Dona cano divum, *lætas venantibus artes,*
Auspicio, Diana, tuo,”

sang the poet Gratius ; and Horace's description of a sportsman's return to his family, after the toils and perils of the day, is a true picture of a country life, replete with every possible enjoyment.

Objections have been made to encouraging youth in a love of our national field-sports, on the score of their engrossing too much of their time and attention, to the neglect of more necessary attainments. “It is true,” says a Roman historian, “the masters in every branch of learning, whom the accomplished father of Commodus provided for his son, were heard with inattention and disgust ; whilst the lessons of the Parthian, or the Moor, in the arts of the javelin and the bow, could not be too often repeated.” But where is the pursuit that may not be carried to excess ? and yet without zeal no person ever succeeded in field-sports of any kind, much less in hunting. “Whatever thy hand findeth to do, do it with all thy might,” said Solomon ; and had not Providence implanted this zeal in man's nature, he never would have been what man now is, but, comparatively a useless being. Objections are again made, that the sports of the field, hunting animals with dogs especially, are cruel ; but the charge, if proven, does not altogether lie against man. The beasts and birds of the field have been given to him, as well as the way to procure them pointed out to him ; or wherefore the almost unsearchable faculties of the dog ?

Some persons, however, have thought otherwise : "Is it a labour worthy of man," says a very celebrated English writer, "to watch from day to day, from night to night, the haunts of our fellow animals, that we may destroy them ? To triumph over a poor mangled hare or hind, after we have harassed them up and down the country for many hours together with an army of dogs and men ? Is it an exercise becoming the majesty of a rational spirit to run yawling with a parcel of hounds, perhaps a whole day together, after some timorous animal ?" In answer to this it may be urged, that we knew no other method of availing ourselves of them when first they were given for our use ; and it may be strongly urged, that the destruction of wild animals was never so speedily, and therefore humanely accomplished, as it is at the present day. A century or two ago, the fox lingered all night in a trap, and then too often was subjected to a lingering, if not an agonizing death. He is now killed by hounds, generally in a short time, if he cannot escape from what may be deemed his lawful pursuers. The buck in the forest of the king, or in the park of the nobleman, is now no longer hunted down by the slow but sure blood-hound, a race nearly extinct, but the unerring eye of the rifle-shot seals his doom on the spot. We agree with the poet, that

"Poor is the triumph o'er the timid hare ;"

but she was given for our use, and must be taken, as Esau took the venison, *by hunting her* ; and here likewise is an improvement. A hundred years back she was trailed up to her form, the operation perhaps of an hour, with the terror-striking notes of the hounds all that time in her ear ; and

then pursued for at least two hours more, by animals with not half her speed, but with a power of following her by the foot, which it was nearly impossible to evade. At the present day she is whipped out of her form, twenty minutes generally deciding her fate ; and in consequence of her being now pursued in the forenoon, instead of, as before, just on her return from her walk, she escapes oftener than she is killed. Animals destined to fall by the gun are now nearly certain of meeting with instant death. In addition to the increased skill of our marksmen, the improved formation of the gun enables it to carry destruction with a much surer hand, owing to the force and precision with which it carries its shot. Thus, if the game be stricken, it is stricken to instant death, not wounded and mangled by weak scattered shot. Another consideration presents itself in the discussion of this subject. Life is said to be "sweet;" but strip it of intellectual enjoyment, and its sweetness is very considerably abated. But we will go one step farther. The natural death of wild animals must generally be lingering, and often painful in the extreme ; they have no relief to fly to, but perish as it were by inches. This being admitted, perhaps the hand that instantly deprives him of life may be deemed the hand of a friend.

No great satisfaction would arise from a reference to the practices of the ancients in the field, who, it appears from Virgil, hunted anything, from the wild ass to the stag ; but, we have reason to believe, without much system, as far as their dogs had to do with it. We conceive the ancient Germans and Gauls to have been the best early sportsmen upon system ; and the ancient Britons, who came originally from Gaul, and according to Cæsar and Tacitus, were one of

the widely-extended Celtic tribes, introduced, or rather brought with them from Gaul, that ardent passion for the chase, for which Great Britain has ever since been remarkable. The Anglo-Norman and early English monarchs likewise all appear to have had a passion for the chase ; and although a code of laws relative to hunting was formed by one of the Welsh princes in the twelfth century, containing a list of animals, climbing ones for example, which does not accord with the present idea of *hunting*, we hear nothing of fox-hounds *per se*, till we find them in the kennel of Edward I., and an item in his wardrobe book of £21 : 6s. as the annual expenses of his pack, consisting of six couples. Soon after this period, at all events in the course of the next king's reign, the diversion of hunting in England may be said to have been first reduced to something like a science ; treatises having been written on the subject for the instruction of young sportsmen, as well as rules laid down for the observation and conduct of those who filled the various offices, in the forest, the kennel, and the stable. One of the most curious of these performances is a manuscript written in the beginning of the fourteenth century, in Norman French, by William Twice, huntsman to Edward II., an ancient translation of which occurs amongst the Cottonian manuscripts. In it are enumerated and described the different beasts that were then objects of the chase in England ; and, in the manner of a dialogue, the huntsman is informed how he should blow his horn at the different points of a chase. But the generally rude system of hunting in the earlier days of England had previously been in some measure improved and amended by William the Conqueror, of whom Somerville thus writes :—

"Victorious William to more decent rules
Subdued our Saxon fathers; taught to speak
The proper dialect; with horn and voice
To cheer the busy hound, whose well-known cry
His list'ning peers approve with joint acclaim.
From him successive huntsmen learn'd to join
In bloody social leagues, the multitude
Dispersed; to size, to sort, their warrior tribes,
To rear, feed, hunt, and discipline the pack."

Edward III. was a great stag-hunter; and even at the time he was engaged in war with France, and resident in that country, he had with him, attached to his army, sixty couples of stag-hounds, and an equal number of hare-hounds. We also learn from Froissart, that the Earl of Foix, a foreign nobleman, contemporary with King Edward, had 150 couples of hounds in his castle. But it does not appear that the fox was much in esteem for the chase by any of the Anglo-Norman Sportsmen; for in Twice's *Treatise on the Craft of Hunting*, he is classed last of all the beasts of venery, excepting the matern and the roe; nor does Somerville in his poem treat him with the respect that he pays to the stag or the hare. The first public notice of him occurs in the reign of Richard II., who gave permission, by charter, to the Abbot of Peterborough, to hunt him. Hunting, however, in all its branches, appears to have advanced steadily till the last century, when it flourished greatly by the encouragement given to it by George III.; and as time improves every art, it has at length, we believe, attained perfection.

Whatever pastime mankind indulge in, their first endeavour should be to make themselves acquainted with the best means of pursuing it, which will greatly increase

the pleasure derived from it. But as the philosopher was laughed at for his offer of teaching Alexander the Great the art of war, so the theory of no pastime is worth anything unless it be based on practice. And, perhaps, of all sports invented by reason for the use and amusement of mankind, there is none to which theory would avail so little as the noble and popular one of hunting. Indeed, the practical part of hunting, notwithstanding its popularity, is but little known, at least but little understood, from the perplexing difficulties that accompany it ; and there is reason to believe it was still less understood before the appearance of a work in which the whole system is minutely and accurately detailed by an eminent sportsman, and master of fox-hounds, of the early part of this century. It is scarcely necessary to observe, that the work alluded to is Beckford's *Thoughts upon Hunting, in a series of familiar Letters to a Friend* ; of which it has been said, "they are so truly the effusions of sound judgment, and so replete with the useful remarks of an experienced sportsman, that there is no room for anything new or additional to be introduced upon the subject." It is true, this has been considered, and will continue to be considered, as a standard work amongst sportsmen ; but as systems and habits change with time, and many of both have been materially changed since Beckford's day, another work on fox-hunting, also from a practical pen, made its appearance in 1826, and was well received by the sporting world, viz., *Observations on Fox-Hunting, and the Management of Hounds in the Kennel and the Field*, by Colonel Cook, several years a master of fox-hounds, hunting various English counties, but principally the Rootings of Essex, celebrated for the stoutness of its foxes.

It is only within a very short space of time that sportsmen have been given to communicate their thoughts, or the result of their experience in the field, to the public, unless under fictitious signatures. In proof, however, of the benefit derived from such contributions to the stock of sporting science, if such a term will be allowed ; and likewise in confirmation of what has been advanced on the subject of change of systems and habits that occurs in the course of time, we will make a few comments on the practices of one of the most conspicuous sportsmen England ever gave birth to, the unrivalled Hugo Meynell, Esq. of Quorndon Hall, Leicestershire, and made partially known through the medium of a small pamphlet, entitled, *The Meynellian Science, or Fox-Hunting upon System*, by the late John Hawkes, Esq., a personal friend of Mr. Meynell's. That Mr. Meynell studied fox-hunting as a science, we believe no one will deny ; and that his master-mind was quite equal to the task he imposed upon himself, is also an admitted fact ; for he was a man of more than ordinary acuteness, coupled with a close and accurate observation of everything that passed under his eye ; and all this with the benefit of an education perfected beyond the usual extent of that bestowed upon, or, perhaps we may say, submitted to, by young gentlemen of large fortune in his day, having studied nearly three years under a private tutor after he became of age. That he shone beyond all others who had preceded him, in the breeding and management of hounds, is a fact universally admitted, producing, as Mr. Hawkes says of them, "the steadiest, best, and handsomest pack of fox-hounds in the kingdom ;" adding also the emphatic remark, that his object was to combine strength

with beauty, and steadiness with high mettle. His idea of perfect shape was, short backs, open bosoms, straight legs, and compact feet ; and the first qualities of hounds he considered to be fine noses and stout runners, opinions which all found to hold good.

But there were peculiarities in Mr. Meynell's system of hunting, to which, as detailed by Mr. Hawkes, we scarcely know how to reconcile ourselves. For example, he tells us that his young hounds were broken in to *hare* in the spring of the year, "to find out their propensities, which when at all flagrant, they early discovered, and he drafted them according to their defects ;" and in the same page he adds, "after hare-hunting, they were, the remaining part of summer, daily walked amongst riot." Now we cannot approve of entering hounds to an animal they are not intended to hunt, and are at a loss to comprehend what is here meant by the word "riot," unless it be hares (as the term generally implies) or deer (which were never found wild in his country), which they had been previously instructed to hunt. Their "propensities," also, by which is here generally understood their steadiness or unsteadiness, must, under such circumstances, have been rather difficult to pronounce an opinion upon, with the exception of their promising to be true to the line, and not given to skirt. The goodness or badness of nose could of course have been discernible when hunting their own game (the fox), to which, in our opinion, all fox-hounds should be entered. Beckford, we remember, speaks of his huntsman letting his puppies enter to a cat ; but we cannot approve of such a practice.

Early in the autumn Mr. Meynell hunted his woodlands, Charnwood forest chiefly, with his whole pack, and then

divided them into "the old" and "the young pack;" but, to show the disadvantage of this system, Mr. Hawkes says, the young hounds were hunted twice a-week, as much in woodlands as possible, and in the most unpopular districts." The present plan of mixing young and old hounds together is far preferable to this, not only as they can then take their turn in the good and popular "districts," but, by having the assistance of older hounds in chase, the younger ones are less likely to do wrong.

Mr. Meynell's idea of *perfection* in hounds, in chase, Mr. Hawkes says, "consisted of their being true guiders in hard running, and close and patient hunters in a cold scent, together with stoutness. Their imperfections, over-running the scent, and babbling, were considered their greatest faults." To all this every sportsman must assent.

The following passage contains perhaps rather more of enthusiasm than of fact, although a qualification is given to it in the concluding sentence. "Mr. Meynell's hounds," says Mr. Hawkes, "were criticised by himself and his friends in the most minute manner. Every hound had his peculiar talents, and was sure to have a fair opportunity of displaying them (!) Some had the remarkable faculty of finding a fox, which they would do, almost invariably, notwithstanding twenty or thirty couple were out in the same covert. Some had the propensity to hunt the doubles and short turns. Some were inclined to be hard runners. Some had a remarkable faculty of hunting the drag of a fox, which they would do very late in the day. And sometimes the hardest runners were the best hunters; and fortunate was the year when such excellences prevailed."

"Mr. Meynell," continues Mr. Hawkes, "prided himself on the steadiness of his hounds, and their hunting through sheep and hares, which they did in a very superior manner. He seldom or never attempted to lift his hounds through sheep ; and from habit, and the great flocks the hounds were accustomed to, they carried the scent on most correctly and expeditiously, much sooner than any lifting could accomplish." We are far from advocates for lifting hounds when it can be avoided ; but knowing the so often insurmountable difficulties occasioned by flocks of sheep and herds of cattle in the country Mr. Meynell hunted, in addition to a crowd of horsemen pressing upon the heels of the pack, we consider that if, under such circumstances, hounds do not almost instantly recover the scent, the assistance of the huntsman is called for. The "steadiness and docility" of Mr. Meynell's pack, we have reason to believe, were remarkable, and are vouched for by other authority than Mr. Hawkes'. "A most extraordinary instance of discipline in hounds," says Colonel Cook (p. 202), "occurs to me, which I ought to have mentioned when speaking of that unrivalled sportsman, the late Mr. Meynell. He met in the Market-Harborough (Leicestershire) country, at a small patch of gorse on the side of a hill, in a very large pasture field : the hounds feathered as they went in, and found instantly. The covert being only about two acres, and open, Mr. Meynell immediately saw that the fox was in danger of being chopped ; he therefore called out to Jack Raven, the huntsman, "Jack take the hounds away ;" and at one of his usual *rates*, every hound stopped, and the pack were taken to the hedge side, when Mr. Meynell called out three steady hounds, and threw them into

the cover. The fox was so loth to break, that the three hounds kept hunting him for ten minutes, in the hearing of all the pack, who lay perfectly quiet at Raven's horse's feet, till the fox went away over the finest part of the country ; and the moment Mr. Meynell gave his most energetic, thrilling holloo (Mr. Hawkes speaks of the power of Mr. Meynell's cheering holloa, which, he says, "thrilled through the heart and nerve of every hearer"), every hound flew to him ; the burst was the finest that any sportsman ever beheld, and after an hour and ten minutes they killed their fox." This is doubtless an astonishing instance of command of hounds with a scent before them, particularly so to those persons who are aware of the generally uncontrollable power of the impulse given to them by nature at that particular time ; and were it not for the high reputation of the pack alluded to, we should, as we cannot doubt the fact, be inclined to say, it savoured a little of slackness, or, at all events, of a too severe discipline, bordering upon the annihilation of the distinguishing natural properties of the fox-hound, namely, high mettle and dash.

"Mr. Meynell," adds Mr. Hawkes, "was not fond of casting hounds ; when once they were laid upon the line of scent he left it to them ; he only encouraged them to take pains, and kept aloof, so that the steam of the horses could not interfere with the scent. It is true, hounds should not be cast, if they can do the work themselves ; and if the authority of Mr. Meynell could restrain a Leicestershire field of horsemen to keep aloof when his hounds were at check, more time may have been given them to make their own cast ; but it must be recollectcd, that when the hounds are at fault, the fox is not." Again, "when his hounds came to

a check, every encouragement was given to them to recover the scent, without the huntsman getting amongst them, or whippers-in driving them about, which is the common practice of most packs. The hounds were holloa'd back to the place where they brought the scent, and encouraged to try round in their own way, which they generally did successfully, avoiding the time lost in the mistaken practice of casting hounds at the heels of the huntsman. When the hounds were cast, it was in two or three different lots, by Mr. Meynell, his huntsman, and whipper-in ; and not driven together, in a body, like a flock of sheep. They were allowed to spread, and use their own sagacity, at a very gentle pace, and not hurried about in a blustering manner. It was Mr. Meynell's opinion, that a great noise, and scolding of hounds, made them wild. Correcting them in a quiet way was the most judicious method. Whippers-in also should turn hounds quietly, and not call after them in a noisy, disagreeable manner." In all the foregoing remarks we coincide with the opinions of these two celebrated sportsmen. We think a huntsman should never be nearer than from sixty to a hundred yards of his hounds when they first check ; nor can a whipper-in execute his office of turning or stopping a hound at this moment too quietly and discreetly ; but no general line of conduct for either the one or the other can be laid down. Some hounds, and especially if they have been pressed upon by horsemen, will not turn to either horn or holloa, without a smack of the whip, or at all events a *rate* ; nor will the body of the pack, if a little blown, or excited by a previous holloa, always try for their fox so well and *quickly* as they should do, if left quite to "themselves ;" or,

as Mr. Hawkes so properly expresses himself, if left to "their own sagacity." That a great noise makes hounds wild no one doubts, and the system of holloaing is every year on the decrease. As for the division of the pack into three lots when at fault, that perhaps originated with Mr. Meynell; indeed we believe it did; but the practice is now become not uncommon, of its being divided into two, namely, one lot with the huntsman, and the other with the first whipper-in.

"When hounds are going to the cry," writes Mr. Hawkes, "they should be encouraged in a pleasant way; not driven and rated, as if discord was a necessary ingredient in the sport and music of a fine cry of hounds. Whippers-in are too apt to think their own importance and consequence consist in shouting, holloaing, and unnecessary activity. When hounds can hear the cry, they get together sooner than any whipper-in can drive them. If any hound is conceited, and disinclined to go to cry, he should immediately be drafted."

On the subject of blood, that is, killing and eating foxes, we entirely assent to the following remarks: "Blood was a thing Mr. Meynell was more indifferent about than most masters of hounds. The wildest packs of hounds were known to kill the most foxes in cover, but very seldom showed good runs over a country. Hounds chopping foxes in cover is more a vice than a proof of their being good cover-hounds. Murdering foxes is a most absurd prodigality. Seasoned foxes are as necessary to sport as experienced hounds." Our own opinion of the value of blood to hounds perfectly accords with that which, it appears, was entertained by Mr. Meynell; namely, that it is far from a *sine qua non* to the well-doing of foxhounds, or any other hounds, as is

apparent at once from the modern system of hunting the stag. If it be possible, the pack are not permitted to break his skin, much more to devour him ; still, despite of the rating and flogging they get to prevent their injuring the object they are pursuing, they do pursue it to the last with all their might and main. But let it not be supposed that we set no value on what may be termed well-carried blood. On the contrary, we think the flesh and blood of a fox well found, and handsomely killed, by hounds in the moments of high excitement, must be very beneficial to them. But when chopped in a cover (generally the effect of accident, and not, as Mr. Hawkes supposed, of vicious propensity in any individual hound), we consider a round of beef would be a more acceptable present to them ; nor is the case much altered when a fox is dug out of an earth, after perhaps an hour's delay. We remember to have heard Mr. Osbaldeston assert, that the best week's sport he ever had in Leicestershire when he hunted it, was after his hounds had been out nine days in succession without tasting a fox.

"Mr. Meynell's natural taste," continues Mr. Hawkes, "led him to admire large hounds ; but his experience convinced him that small ones were generally the stoutest, soundest, and in every respect the most executive. His hounds had more good runs than any pack of his day. Two very extraordinary ones happened of a very rare description. One was a run of one hour and twenty minutes without a *check*, and killed their fox. The other was two hours and fifty minutes without a *cast*, and killed. The hounds in the first run kept well together, and only two horses performed it ; the rest of the field were unequal to its fleetness. The

other run alluded to was performed by the whole of the pack ; and though all were up at the death, two or three slackened in their pace just at the last. One horse only went the whole of it."

Mr. Hawkes thus speaks of the necessary qualifications of hounds to show sport :—" To obtain a good run, hounds should not only have good abilities, but they should be experienced, and well acquainted with each other. To guide a scent well over a country for a length of time, and through all the difficulties usually encountered, requires the best and most experienced abilities. A faulty hound, or injudicious rider, by one improper step, may defeat the most promising run." It is evident, from the above judicious observations, that an old-established pack of hounds must have great advantages over one of an opposite character.

We shall finish our extracts from this little pamphlet, which was merely circulated privately amongst the author's friends, but valued as from the pen of so eminent a sportsman as the late Mr. Hawkes proved himself to be, both in the field and on the race-course, where he shone conspicuously as one of the best gentleman jockeys of his day, with his judicious remark on the conduct of sportsmen who follow hounds. " Gentlemen, and every person who makes hunting his pursuit," says he, " should learn to ride judiciously to hounds. It is a contemplative amusement ; and much good diversion might be promoted by a few regular precautions. The principal thing to attend to is, not to ride too near the hounds, and always as much as possible anticipate a check. By which means the leading men will pull their horses up in time, and afford the hounds fair opportunity to keep the

line of scent unbroken. Sheep, cattle, teams at plough, and arable land, are all causes of checks. Thoughtless sportsmen are apt to press too much on hounds, particularly down a road. Every one should consider that every check operates against the hounds, and that scent is of a fleeting nature, soon lost, never again to be recovered."

The following is the concluding paragraph, affording a good specimen of the writer's enthusiastic love of fox-hunting, as also of a cultivated mind :— "Fox-hunting," he asserts, "is a manly and fine exercise, affording health to the body, and matter and food for a contemplative mind. In no situation are the faculties of man more displayed. Fortitude, good sense, and collectiveness of mind, have a wide field for exercise ; and a sensible sportsman would be a respectable character in any situation in life. The field is a most agreeable coffee-house, and there is more real society to be met with there than in any other situation in life. It links all classes together, from the peer to the peasant. It is the Englishman's peculiar privilege. It is not to be found in any other part of the globe, but in England's true land of liberty ; and may it flourish to the end of time !"

There is perhaps no part of the material of fox-hunting more interesting than the management of hounds in the kennel, which, we do not hesitate in saying, presents one of the most curious scenes that are anywhere displayed in the whole circle of the transactions of mankind with the inferior animal creation. To see sixty couples of those animals, all hungry as tigers, standing aloof in their yard (as is the practice in some kennels), and, without even hearing, much less feeling, the whip, not daring to move until the order is

given to them to move. And what is the order given ? Why, at the words, "Come over, *Bitches*," or, "Come over, *Dogs*," every hound of each individual sex comes forward, as the sex it belongs to may be called for, leaving those of the other sex in their places ; and then the act of drawing them to the feeding troughs is an exceedingly interesting sight. Often, with the door wide open, and the savoury meat in



their view, the huntsman has no use for his whip, having nothing to do but to call each hound by his name, which of course he readily answers to. The expression of countenance, too, at this time, is well worthy of notice ; and that of earnest solicitation, of entreaty, we might almost say of importunity, cannot be more forcibly displayed than in the face of a hungry hound awaiting his turn to be drawn. He appears absolutely to watch the lips of the huntsman, anticipating his own name. A view of a pack of fox-hounds likewise in

their lodging-rooms, is a most agreeable sight to those who love to see animals in a high state of enjoyment, which no doubt hounds are when reposing on their well littered-down benches after a hard day's work, and with their bellies well filled. They absolutely appear to feel for each other's comforts, in placing themselves in situations that enable their fellow-creatures to repose parts of their bodies upon their own, to render their position for sleep and rest more agreeable to them.

The system of fox-hunting has been much changed since that sport commenced. Almost all foxes were once found by the drag, and the first challenge was loudly cheered in days when the game was scarce. A long drag, however, although a great test of *nose*, is by no means desirable, as, if it happens to be down wind, the fox takes the hint, and is off long before the hounds can hunt up to his kennel. It was nevertheless a fine feature in the sport, as the gradual increase of cry, the cheering holloas of the sportsmen, and the crash when the fox was unkennelled, contributed greatly to enoble the scene, and created, as it were, two climaxes in a chase, when it ended in blood. But another disadvantage attended it. Hounds could not be depended upon, taking the average of scent, to hunt a drag that had become cold ; so they were obliged to be out very early in the morning, which was not only disagreeable, as encroaching upon the sportsman's rest, but was coupled with the disadvantage, at all events with the risk, of finding a gorged fox, too full to run far, much less to run fast. The modern system does not require the drag, as woodland covers are comparatively small to what they used to be ; gorse covers made for the purpose of holding foxes are easily accessible to hounds

accustomed to draw them ; and the game is in most countries so plentiful, that if a fox be not found in one cover, he is almost certain to be found in another, and that not far off. The consequence is, no more time is now lost in drawing two or three gorse covers, than the drag of one fox formerly occupied ; neither did that always lead to a find. Moreover, at the present hour of finding, there is but little chance of unkennelling a gorged fox.

It is by some asserted, that what are called woodland foxes are stouter runners than those bred in the artificial gorse and other covers, and we have good reason to believe they are so. But the great objection to large woodlands is the uncertainty of getting a run, from the difficulty of making foxes break from them, as they naturally hang to places which appear to afford them security ; and it often happens that hounds, and the horses of the servants, have done a fair day's work before the run begins. On the other hand, we admit that a fox found in a wood of considerable extent is more likely to show a decidedly good day's sport, than one found in an artificial cover, and for this reason : he slips away unperceived, eight times out of ten, and consequently has time to look about him, and make his points, ere the chase commences ; whereas a fox viewed away from a small gorse cover, within sight of a hundred or two of horsemen, is bullied, frightened, and soon blown, which occasions him to run short ; and, of course, if the scent serves, and the hounds are good, he cannot live long, half an hour being as much as can be calculated upon under such circumstances. Gorse covers, however, if not too small—not under three or four acres—are indispensable in a hunting country, as foxes are

very fond of them for their security against anything but fox-hounds ; and another great advantage attending them is, that they can be placed wherever it may be thought desirable to place them.

The making of gorse covers requires no small attention, we had nearly said *skill*. The ground is all the better for being trenched to the depth of from a foot to a foot and a half, and it should be made as clean and in as good condition as if it were to be the seed-bed of turnips. The seed should be minutely examined, as it often fails from having lost its germinating properties ; and it should be drilled in the ground, and hoed, after the manner of a turnip crop. By keeping it clean by the hoe, it will, if the seed be good, *and the land dry*, often hold a fox in the second year, but will seldom fail in the third. Some writers, Colonel Cook among the number, speak of broom being sown amongst gorse. This should never be, as all huntsmen who draw, or run through, broom covers, can vouch for their being decidedly inimical to scent. A novel description of fox-cover came into fashion a few years back in Leicestershire, but is not highly approved of, from the difficulty hounds experience in drawing it. Strong black-thorn stakes are driven into the ground endways, at a small distance apart, and the rank grass and weeds growing rapidly over, and entwining with them, form a strong cover the first year ; and it is found proof against a fall of snow, which gorse covers are not, and are often forsaken by foxes on that account. All artificially-made covers should be not nearer than half a mile at the least to any house or village ; and if on a gently sloping bank, facing the south, foxes will like them better.

Some sportsmen object to many rides being cut through covers, as they are so often the cause of foxes being headed by the horsemen. The objection in part holds good; but a certain number of rides are necessary in all large covers, to enable the servants to get near their hounds, who might otherwise be disposed to run riot, as they soon discover when they are out of the reach of either rate or whip. Woodlands, with rides in them, are essential to the making of young hounds in all countries; and the finest in England are those of the Duke of Buccleuch, near Keltinger, in Northamptonshire, within the limits of the Pytchley Hunt, with rides, or, speaking more properly, avenues in them to the extent of upwards of fifty miles.

When speaking of the disadvantages of large woods, in which foxes are apt to "hang" or dwell, Colonel Cook recommends killing a fox, and letting the hounds eat him, in the middle of them; which we believe will generally have the desired effect. On the other hand, should a fox be killed in a small cover, he should, if possible, be carried out of it before the hounds break him up. One of the best gorse covers in the Dunchurch country did not hold for two or three seasons, because a dead fox was left in it.

The arrangement of earths, and the stopping of them, are matters of no small importance. Artificial ones are reckoned unhealthy for foxes; and the best are those made by badgers, which can always be commanded at pleasure, by turning out those animals in pairs. There are various methods of stopping earths, but none more secure than by a bunch of gorse, or furze, crammed well into the mouth of them, with the stalks pushed inwards. When earths are only slightly

stopped, a fox will scratch his way into them ; and as this very often happens, it shows the necessity of a careful and experienced earth-stopper ; and it is better to pay for each day's stopping rather than annually in the lump, reserving the power to withhold payment in case of evident neglect. The expense of earth-stopping varies according to the nature of the soil, covers, etc. ; but in certain countries it amounts to as much as £200 per annum. It may also surprise some persons to hear, that the rent paid for covers in the Quorn Hunt amounts to upwards of £2000 per annum. The multiplication of small artificial gorse covers has, however, sadly spoilt the breed of foxes, and converted many of them into mere "ringers ;" while the cross with the small cowardly French fox has also done much towards destroying their dash. The only way to recruit a country is to bring cubs from Ireland or the Highlands, where the greyhound fox is still to be found in high perfection.

The following calculations of the expenses of a pack of fox-hounds are given by Colonel Cook, and admitted to be very near the mark ; making allowance for the difference in the price of markets at the time he made them, and at others.

For Hounds hunting twice a week :—

Six horses, including groom and helpers	£300
Hounds' food, for 25 couples	150
Firing.....	30
Taxes.....	80
Whipper-in and feeder	140
Earth-stopping	50
Saddlery.....	40
Farriery, shoeing, medicine, etc.	50
Carry forward	£840

Brought forward	£840
Young hounds purchased, and expenses at walks	60
Casualties	100
	<u>£1000</u>
A second whipper-in, and two horses in addition.....	170
Total.....	<u>£1170</u>

Expenses for three times a-week :—

Twelve horses, groom, helpers, etc.	£600
Food for forty couples of hounds.....	220
Firing.....	40
Taxes.....	100
Two whippers-in and feeder	210
Earth-stopping	65
Saddlery.....	80
Farriery, shoeing, etc.	80
Young hounds purchased, and expenses at walks	80
Casualties	150
Total.....	<u>£1625</u>

Expenses for four times a-week :—

Fourteen horses, etc.	£700
Hounds' food for fifty couples	275
Firing	50
Taxes.....	120
Two whippers-in and feeder	210
Earth-stopping	80
Saddlery.....	100
Farriery, shoeing, etc.	100
Young hounds purchased, and expenses at walks	100
Casualties	200
Total.....	<u>£1935</u>

"If you do not attend to the kennel department yourself," adds the Colonel, "but keep a huntsman, the expense will be at least £300 more."

The only remark we have to offer on the foregoing calculations is, that the author does not allow a sufficient number of hounds for the several days' hunting in the week. For example, we venture to say, that no country could be hunted four times a-week with fifty couples of hounds; at all events, fifty couples of hounds equal to that work are very rarely to be found. We agree with the writer, that either four times a-week, or even twice, are preferable to three, for keeping hounds in regular work, when sound. But on the subject of expenses we have a word or two more to say. Knowing as we do, that they generally, we believe we may say always, exceed the calculations made by Colonel Cook, and in some instances by double, we consider it rather inconceivable that either noblemen or private gentlemen should be expected or permitted to bear all the charge of hunting a country themselves, knowing, as we do, the great sacrifices of property and income that have already been made to a perseverance in keeping fox-hounds, unassisted by a subscription. The late Sir Richard Sutton, for instance, is supposed to have spent about £8000 a-year over his stud and kennel, when he hunted the whole of the Quorn country at his own expense, with the exception of the rents of the covers. Hunting men are in fact becoming more and more anxious to have their sport at a master's expense; and too many do not subscribe at all, or, what is worse, forget to pay up when they have put their names down. But this cannot go on much longer; nor indeed is it, with some exceptions, fit that it should; and, in support of our assertions, we will quote the sentiments of a writer on this subject, admirably well expressed, in an old number of the *New Sporting Magazine*, which equally applies to the present day.

After hinting at the probable decline of a sport, from this cause alone, which Mr. Burke described as "one of the balances of the constitution," he thus proceeds :—"As to the total abolition of the sport, we anticipate no such event. It is the favourite sport of Englishmen ; and that which a man likes best he will relinquish last. Still, with the exception of countries that boast their Clevelands, their Yarboroughs and Suttons, their Graftons, Beauforts, Rutlands, Fitzwilliams, Segraves, Middletons (his lordship is since dead), and Harewoods—their great and sporting noblemen, in fact—we feel assured that, unless something be speedily arranged, half the packs in England must either be curtailed of their fair proportion of sport, or abolished altogether. This is not as it should be. Men are as fond of hunting, at least of riding to hounds, as ever; but though we feel that we may be telling a disagreeable truth to many, the fact is that most men want to hunt for nothing. The day for this, however, is fast drawing to a close. The breed of country gentlemen who keep hounds—the Ralph Lambtons, the Farquharsons, the Assheton Smiths, the Villebois, and Osbaldestons—are fast disappearing, in all probability never to be renewed. True that it is a fine, a proud sight, to see an English country gentleman spending his income on his native soil, and affording happiness and amusement to his neighbours, receiving their respect and esteem in return ; but we cannot help feeling, that unless a man has one of those overwhelming incomes that are more frequently read of than enjoyed, it is hardly fair that the expenses of a sport which affords health and recreation to hundreds should fall upon his individual shoulders. Heirs-at-law will not be

hindered by the remoteness of relationship from impugning the conduct of their ancestors ; nor will it be any consolation to a son, on coming into possession of an overburdened estate, to know that the difficulties which oppress him were incurred for the purpose of keeping a pack of fox-hounds, by which his father afforded amusement to the country."

Fox-hunting is a sort of prescriptive right, which England has claimed from a very early period ; and, more than this, it has long been considered that the common law allowed persons to enter the lands of another in pursuit of a fox, the destruction of which was presumed to be a public benefit. This opinion was founded on the celebrated case *Grundy v. Feltham* (1, *Term. Reports*, p. 334); but in that of *Earl of Essex v. Capel*, Summer Assizes, 1809, the legality of hunting foxes over the land of another is rendered very questionable. This being the case, it is a great compliment to the sport, as no doubt injury of land to a certain amount, though small, is occasioned by it, that it is permitted to the extent to which we see it, in every county in Great Britain ; and that an action of trespass is an unusual occurrence, must be considered as still more creditable to the yeomanry and tenantry who live by the occupation of land. On the other hand, however, it must be remembered, that the produce of land is very considerably enhanced by the great demand, as well as extra prices given, for hay, corn, and straw, as likewise by the encouragement to breeding horses ; and that, wherever there is a colony of fox-hunters, it is accompanied by a great influx of money, which is expended in the immediate neighbourhood. Cecil, in his admirable *Records of the Chase*, gives it as his opinion that about 15,300 hunters are kept in

England and Wales alone, and that, taking the average for the keep of each horse at £40, no less than £612,000 is circulated through the medium of horse and hound annually. The United Kingdom contains about 105 packs of fox and stag hounds, and about 90 of harriers, otter-hounds, and beagles. By far the largest number of packs is kept in Devonshire ; but although every one there goes a hunting, it is the worst hunting ground in England, not excepting the Craven, where John Warde considered that "he was sent as a punishment for his sins."

There were formerly three established classes of hunting in Great Britain, each of which had advocates, as it may have been suitable to situation, fortune, time of life, etc. ; and although the struggle for superiority has ended in favour of that of the fox, we have reason to believe, that since what are termed "*packs of hounds*" have been established, hunting the stag or buck claims precedence of the hare ; the hare of the fox ; the otter, perhaps, of all. We will then offer a few more remarks upon them, as we have ranked them here.

Since the stag has ceased to be drawn for, and found in his native majesty, and hunted as a wild animal, "stag-hunting" has lost all its interest with the sportsman ; and when we say that the chase of no other animal is, after all, from first to last, so full of interest as that of the stag, the sportsman has some cause for regret. But wild-stag hunting could not have remained one of the popular diversions of Great Britain, for two sufficient reasons. First, from the country being so generally cleared of wood there would have been a great scarcity of game ; and, secondly, from the circumstance of the stag being, by his nature, unfit to be hunted during

some of the months that sportsmen like to be on the field. The act of harbouring the deer, however, must be considered as amongst the very highest branches of the sportsman's art, and one which none but a well-practised sportsman could perform. Neither was the hunting to death of the wild stag by any means so easy a task as might be supposed, from the bulk of the animal, which it must be proportionally difficult for him to conceal. On the contrary, like the harts of Meandros, flying from the terrible cry of Diana's hounds, the "wise hart," or *cerf sage*, as he is termed in ancient hunting, knows how to foil hounds perhaps as well as, or better than, most other wild animals, and is allowed to consult the wind in his course more than any of them. It is also said of him, that he will, when pursued, rouse other deer from their lair, to induce the hounds to run counter, or change; and his device of taking soil, with nothing but the nose to be seen above the water, or, running down a stream, and seeking for a hard and dry road when pressed, are facts too well established to require comment. There is not a nobler sight in nature than that of a full-headed stag roused from his lair by hounds, and majestically trotting before them, snuffing the air as he goes, and appearing to care little for his pursuers, from confidence in his natural powers. That these powers are great, all modern stag-hunters are satisfied of; and those of endurance, when chased, are allegorized in the fable of the Mænæan stag, the running down of which is said to have occupied Hercules for a year, and was in consequence counted amongst the labours of that hero. That deer are superiorly winded animals, is apparent by the immense height they can leap, just before they die from bodily exhaustion. A popular error

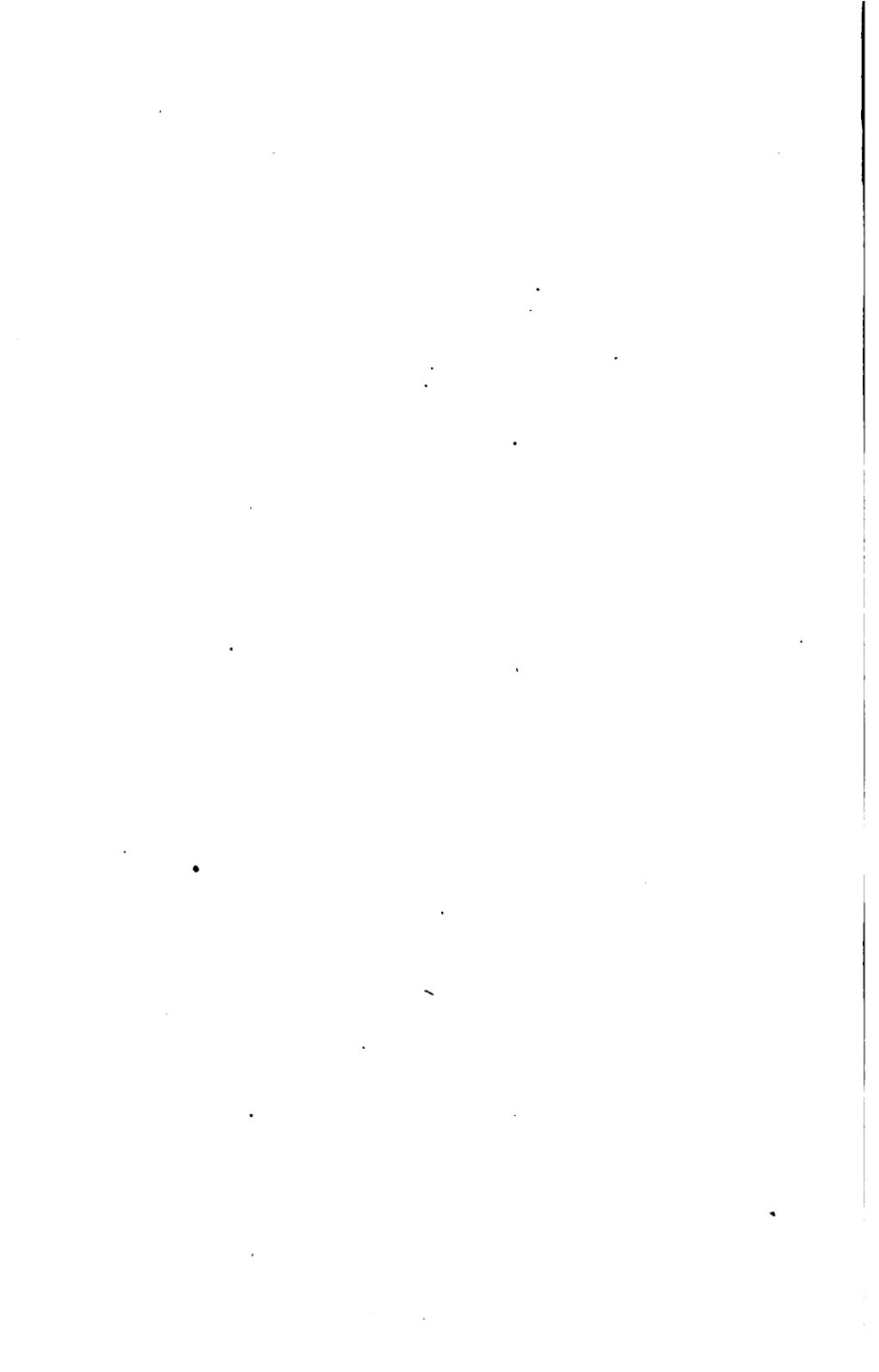


WESTMORLAND HUNTING SCENES

Engraved & Published by Adams & Charles Black.

Thomas Bewick

Henry Alken



has attributed this to the existence of the *fossa lacrymalis*, which was supposed to furnish a breathing-place at the corner of each eye. Oppian must have supposed, by the following line, that they had *four* ;—

“ Τεργαδύμοι ἐῆνες, πίσυρες πνοιῆσι διαβλόι,”

which was a mistake of the sporting bard ; and some writers have made Aristotle say that goats breathed at their ears, whereas he directly asserts the contrary. The classic writers, however, as well as our own poets, have taken some of their most beautiful similes from the chase of the deer ; for example, Virgil's comparing the flight of Turnus to a stag trying to escape from the toils ; and the death of the favourite hind by the hand of the young Iulus, a masterpiece of pastoral poetry. But the death of the stag has been a favourite theme of our own poets ; and both Shakspeare and Thomson have been equally happy in their description of the last moments of the antlered monarch of the forest ; the latter particularly :

“ “ He stands at bay,
And puts his last weak refuge in despair.
The big round tears run down his dappled face :
He groans in anguish ; whilst the growling pack,
Blood-happy, hang at his fair jutting chest,
And mark his beauteous chequer'd sides with gore.”

A kind of technological dictionary is required to almost all sports of flood and field. Of the technical terms in deer-hunting Nimrod thus speaks :—“ What we fox-hunters call the ball or pad of a fox on foot, they term the ‘slot.’ We drag up to a fox ; they draw on the slot, or walk up a deer. We find, or unkennel a fox ; they rouse, or unharbour a deer.

A fox runs up and down a cover ; a deer beats up or down a covert, or a stream. With us, a fox is headed (turned back, or driven from his point) ; with them, a deer is blanched. We say, a fox stops or hangs in a cover, in a run ; they say their game sinks. We recover our fox ; they fresh find their deer. We run into (kill) our fox ; they set up the deer. The fox is worried ; the deer is broken up. The fox goes a clicketing ; the deer goes to rut. The fox barks ; the stag bellows. The billiting (excrement) of the one is termed the feument or feumishing of the other. The brush of the fox is the single of the deer. The mask of the fox is the snout or nose of the deer. The view, the foil, the tally-ho, and who-whoop, are common, I believe, to all ; but ‘currant jelly’ and ‘sweet sauce’ are not in the fox-hunter’s vocabulary.” “There are some expressions here,” continues Nimrod, “which require farther explanation than I am able to afford them ; and it is almost presumptuous in me, without any assistance at hand, to attempt giving an opinion on the subject. The word ‘harbour,’ however, is one of common acceptation, and implies a place of refuge. To unharbour a deer has long since been settled by Pliny,—‘*Excutere feram cubili.*’ The expression is clear, and falls smoothly on the ear. Not so with ‘taking soil ;’ it savours of filth, and is only applicable, in this sense, to a hog delighting, in the summer months, to wallow in mud or dirty water, previously to going to his bed. To ‘beat up and down’ is only another way of expressing to run to and fro, and is found in Terence, in the word *cursito*. The deer being ‘set up,’ can only be in allusion to his having his throat cut ; for Cicero speaks of a man being ‘set up’ to have that pleasant operation performed,—‘*In cervicibus*

imponere dominum.' The stag roused from his lair has certainly a great superiority over unkennelling the fox. The latter is tame and puny, whereas the former is bold and classical, and quite in association with the wildness of the forest, of which this animal is the monarch. The lair is but another word for the den ; as we read in Virgil's celebrated contrast of a town and country life, in which he so beautifully describes the manly pursuits of the latter ; and likewise in the hunting scene with Dido and Æneas. The word feument I never heard before, but conclude it is derived from the Greek word *Φίγουα, recrementum.*"

The following is Nimrod's description of a full-headed deer :—"A perfect head, I find, consists of brow, bay, tray, and three on top of each horn ; but some have brow, bay, tray, and five on each horn, though these are rare."

Of the powers of endurance of a deer before hounds, as also of his subtlety in foiling them, the same writer thus speaks :—"When we reflect on the powers of a stag, and look at his qualities for speed, we cannot be surprised that, when not overladen with flesh, or a 'heavy deer,' as he is then called in Devonshire, he should afford some extraordinary chases. The following well-authenticated facts will speak to their powers of locomotion : 'When Sir Thomas Acland kept the hounds, a farmer in the neighbourhood of Holnicote House, saw a stag one evening in his fields, with a particular spot on his side. The next morning he met this same stag running in great distress, with the hounds close at his haunches, and he soon afterwards sank before them. On his asking Sir Thomas where he had found him, he learnt that it was 25 miles, as the crow flies, from the place where he

was killed. He must therefore have travelled that distance in the course of the previous night.” Again, on the power of leaping, which we have already noticed, and particularly in allusion to their wind, when otherwise much distressed, we find the following remark :—“On my return from hunting on the preceding Tuesday’s hunting,” says Nimrod, “I was shown a leap, in Lord Fortescue’s park, which a hind had taken last season before this pack, after a long run, and not ten minutes before she sank before them. What makes it more extraordinary, is, that, on being paunched, a calf was taken from her almost able to stand. The fence was a stone wall, with a rail on the top of it, not to be broken ; and your readers may judge of its height from the following statement, having had no other means of measuring it : My own height is 5 feet 9 inches ; the horse I rode is 15 hands 2 inches high ; the top of the fence was upwards of 2 feet above the crown of my hat ; and it was up a steep bank that she approached it. The stag we ran went up to this fence, but did not attempt to leap it.”

From the adverse circumstances attending it in a country like Great Britain, so generally free from large tracts of woodlands, which the red deer delights in, and also so much intersected with streams, real stag-hunting can never be again reckoned amongst the popular diversions in England. A good substitute for it is found in the turning out deer before fox-hounds in the neighbourhood of the metropolis, which has the advantage of affording a certainty of something in the shape of a run, and frequently very long ones, to persons whose time is precious, as well as the opportunity of, in a great measure, selecting the country best suited to the habits

and propensities of the game. There are a number of stag-hunting establishments in England, and there has been a royal establishment of this nature throughout several successive reigns. In that of George III. stag-hunting was in high repute amongst the nobility and gentry forming the court, as well as of others residing in its neighbourhood. Mr. Beckford said little about it, because he knew little : the reason he himself gives ; but the following expression in his book relating to it made a deep impression on fox-hunters, who reluctantly acknowledge its truth :—“ Could a fox-hound,” says Mr. Beckford, “ distinguish a hunted fox, as the deer-hound does the deer that is blown, fox-hunting would be complete.”

The roe-buck has partaken of the same respite from the chase as the wild red deer, although by the old laws of the forest he was not considered as venison until hunted ; and, according to Cæsar, the Britons did not eat this animal at all. The fact is, the roe-buck runs so short, after the first ring, that he is said to hunt the hounds, instead of the hounds hunting him ; an artifice by which he hopes to elude his pursuers, as, of course, it must produce a confusion of scents. Neither does his cunning end here. When closely pursued in a thick wood, he will bound to one side of a path by a sudden spring, and, lying close down upon his belly, permit the hounds to pass by him without offering to stir. But the beauty of form and elegance of motion of the “favourite roe” ought to protect it from the chase. There has been only one pack of roe-buck hounds kept in Great Britain, and that was by a gentleman of the name of Pleydell, of Whatcombe House, near Blandford, Dorsetshire, lately

deceased, in whose covers these animals abounded, as they also do in various parts of Scotland.

Hunting the *otter* was a sport much thought of in England, and is of very early date, chiefly perhaps for the great value set on fresh-water fish. The system of hunting the otter is this : The sportsmen go on each side of the river, beating the banks and sedges with the hounds. If there be an otter near, his "seal" (foot) is soon traced on the shore ; and, when found, he is attacked by the sportsmen with spears, when he "vents," that is, comes to the surface of the water to breathe. If he be not soon found by the river side, it is conjectured he is gone to "couch" inland, for he will occasionally go some distance from his river to feed. He is traced by the foot, as the deer is ; and when found, and wounded in the water, he makes directly for the shore, where he maintains an obstinate defence. He bites most severely, and does not readily quit his hold ; on the contrary, if he seizes a dog in the water, he will dive with him to the bottom of the river, and will never yield to him whilst he has life. This sport is still pursued in the few fenny and watery districts that now remain in England, and has for a long time been confined principally to those parts where, from local circumstances, the other more noble and exhilarating distinctions of the chase cannot be conveniently enjoyed. An attempt, however, was at one time made to revive it, by an Oxfordshire sportsman, Mr. Peyton, only son of Sir Henry Peyton, Bart., of which an account may be found in the *Oxford Journal*. By this, two facts were established ; the one, that otter-hunting, spiritedly pursued, is not a tame diversion ; and the other, that the charge against this animal

of destroying young lambs and poultry, is not altogether unfounded.

The otter-hound is not a distinct kind of hound, the strong rough-haired harrier answering the purpose best, provided he will hunt a low scent, as the game shows no small sagacity, as well as circumspection, in guarding against assault from man or dog. In 1796, on the River Worse, near Bridgenorth, Shropshire, four otters were killed, one of which stood three, another four hours before the hounds ; and in 1804 the otter-hounds of Mr. Coleman of Leominster, Herefordshire, killed an otter in a mill-pond, which is said to have weighed thirty-four pounds and a half ; supposed to have been eight years old, and to have consumed a ton of fish or flesh annually, for the last five years. They often destroy much more than they consume, for they will go on killing when their prey is plentiful, eating only a small portion of each fish. Mr. John Dixon lately imported some Durham otter-hounds to Canada, and we hear that they are generally considered to be better adapted for bear-hunting than any description of dog which has yet been sent over.

Hare-hunting claims precedence of fox-hunting in the sporting chronology of Great Britain, and we believe of all other countries, inasmuch as a hare has always been esteemed excellent eating, and a fox the rankest of carrion. We gather from Xenophon that it was practised before his day, and he wrote fully upon it above three centuries before Christ ; both hounds and nets being then used in the pursuit. Neither can we marvel at hare-hunting being the favourite diversion in all nations given to sporting where the use of the horse in the field had not become common. But we will go a

point farther than this, and assert that, how inferior soever may be the estimation in which hunting the hare is held in comparison with hunting the fox, no animal of the chase affords so much true hunting as she does, which was the opinion of the renowned Mr. Beckford.

In our description of the modern harrier (see p. 302), we have termed him the fox-hound in miniature; and we may apply the simile to hare-hunting, which now, as long as the chase lasts, greatly resembles fox-hunting, only on a minor scale. In the modern system there is no tracking to the seat with the one, any more than dragging up to the kennel with the other; but both animals are now chiefly stumbled upon by accident, and instantly fly for their lives. With the system of hunting also has the kind of hound been altered; there being now no longer occasion for that nice distinction of scent which was wanting to be a match for the windings and doublings a hare was able to make in her course when hunted by the slow and fastidious southern hound, and which was essential to the finding her at all, in countries where hares were scarce, by the perplexing means of a very cold trail.

In proof of our assertion, that there is more of true hunting with harriers than with any other description of hounds, we shall point out a few of the difficulties which they have to overcome. In the first place, a hare, when found, generally describes a circle in her course, which is in itself not only more difficult to follow, but it naturally brings her upon her foil, which is the greatest trial for hounds. Secondly, the scent of the hare is weaker than that of any other animal we hunt; and, unlike some, it is always the worse the nearer

she is to her end ; which accounts for its being better, and lasting longer, when going to her seat, than when running. There is scarcely any scent from a hare until she is in motion ; therefore hounds constantly draw over her ; and, of course, according to the length of time she has been gone to her seat after feeding, will be the difficulty of hunting her by the trail. In fact, at the most distant part of her previous night or morning's walk, the most tender-nosed hound in a pack will be scarcely able to own the scent at all. But the grand puzzler of all is, when hounds get upon the counter-trail, about the middle of a hare's work, and the scent lies so equal that it is most difficult to distinguish heel from chase. No such difficulty as this can occur in any other description of hunting, and can only be obviated by the skill and experience of the huntsman in his notice of the working of his hounds. But although this difficulty is alluded to by almost all writers on the chase, we know not where to look for directions to the huntsman at the critical moment. It is true, Mr. Daniel, in his *Rural Sports*, says, "To find out this, see if your hounds challenge counter ; if they double and carry it on counter, they will soon signify their error by opening singly." We conceive there is some reason in this remark, but it will not always avail. Hounds, harriers in particular, are fond of a scent ; and if they cannot carry it forward, they will turn and hunt it heel ; and here it is that the judgment of a huntsman turns to account. One with a keen eye, and *a perfect knowledge of his hounds*, may be able to unravel this mystery perhaps six times out of ten ; but it is in no man's power to be sure of doing it. His chief guide is in the cry of his pack at this time, which will slacken instead of getting

fuller if the scent be heel, as the experience of old hounds adds to their natural instinct the faculty of judging whether it is leading them to their prey or from it.

The great perfection of modern harriers is the head they carry over a country, the result of the pains now taken in breeding them of the same size and character ; whereas, upon the old system, which was all for *the pot*, the chief dependence was upon a few couples out of the whole pack, the rest being wheresoever they liked or were able to be in the chase. On the other hand, it may be said modern harriers have not the nose and patience of the old sort, which perhaps they have not ; but what they may lose in those respects they more than gain in another, viz., by being nearer to their game in chase, and, by pressing her, not allowing her to make more than half the work she was able to do when pursued by slow hounds. In fact, the want of speed, and tedious exactness, of the southern hound, rendered the warmest scent, after a short time, cold ; which may be proved from the fact of an hour being the average time of killing a hare, in former days, with a good scent ; and from three to four with what is called a "fair," a "holding," or a "half scent." For our own part, speaking as fox-hunters, yet abandoning all prejudices against a sport it is too much the fashion to hold cheap, we consider that, to any man who is a real lover of *hunting*, that is, of seeing hounds do their work, and do that work well, a twenty minutes' burst over a good country, with a well-bred pack of harriers of the *present* stamp and fashion, affords a high treat. To see them to advantage, however, it should be over a country in which the fields are large, and the fences stone walls, like those of Oxfordshire or Gloucestershire ; for

harriers, being for the most part obliged to *meuse*, strong hedges prevent their carrying a head in chase, which is the chief beauty in all hunting.

Somerville has these appropriate lines on the adaptation of hounds to their game :—

“A different hound for every chase
Select with judgment; nor the timorous hare
O’ermatched, destroy; but leave that vile offence
To the mean, murderous, coursing crew, intent on blood and spoil.”

Harriers should not be too large, certainly not more than eighteen inches high, or, by their speed, and, if good withal, they will much overmatch their game; but in a good and open country there should never be less than from eighteen to twenty couples in the field. A strong pack not only adds to the respectability of the thing (at all events, a small one greatly detracts from it), but, in our opinion, more hounds are wanting to pursue an animal that runs short, than one which, like the fox, generally makes for a distant point. The opinion of Mr. Beckford is in opposition to us here. He says, “the fewer hounds you have, the less you foil the ground, which you will find a great hinderance to your hunting;” but it must here be remarked, that in the preceding sentence this eminent sportsman speaks of the difficulty of getting a strong pack of harriers to run well together, a difficulty which no doubt existed in his day, but is totally overcome in the best hare-hunting establishments of ours. Indeed, we once heard a sportsman declare, and he was a sportsman who had hunted in all the best countries in England, that he had never seen a chase quite complete from end to end, not a single hound

being out of place, until he saw it with a pack of harriers over the Cotswold Hills.

The following passage from Beckford is worthy of his pen, and should be strictly observed by all masters of harriers :— “ Harriers, to be good, must be kept to their own game. If you run fox with them, you spoil them. Hounds cannot be perfect unless used to one scent and to one style of hunting. Harriers run fox in so different a style from hare, that it is of great disservice to them when they return to hare again. It makes them wild, and teaches them to skirt. The high scent which a fox leaves, the straightness of his running, the eagerness of the pursuit, and the noise that generally accompanies it, all contribute to spoil a harrier.” We conclude that the writer here alludes to hunting wild foxes, which is now very rarely done with a pack of harriers, at least in a country near to which fox-hounds are kept. No master of harriers would do it, who wishes his pack to be perfect ; and there are other reasons for his not doing it, which it is unnecessary to mention. But the very best understanding now generally exists between masters of fox-hounds and masters of harriers ; and it is a common practice of such of the latter as reside in a fox-hunting district, to await the publishing of the fox-hunting fixtures before they make their own.

The following hints may be useful in hunting the hare. First, respecting the hare herself :— Hares breed from February to the end of harvest, and are said to live seven years. The buck affords the best sport, particularly *in the spring*, when, after one or two rings, he often goes straight on end for several miles. Hence the proverb, “ as wild as a March hare.” Some persons pretend to distinguish the sex upon

the seat ; at all events, the head of the buck is sharter, the shoulders redder, and the ears redder, than those of a doe ; he is also larger, and his hind parts are of a lighter colour. If the claws are smooth and sharp, and the ears tear easily, the hare is young.

The difficulty of finding a hare by the eye is well known. It is an art greatly facilitated by experience, although not one person in ten who attempts it succeeds in it. But here we recognise the Hand that furnished her with such means for her security ; as, from the delicacy of her flesh, she is the prey of every carnivorous animal, and her means of defence are confined only to her flight. In going to her form, she consults the weather, especially the wind, lying always, when she can, with her head to face it. After harvest, hares are found in all situations ; in stubble fields, hedgerows, woods, and brakes ; but when the leaves fall, they prefer lying upon open ground, and particularly on a stale fallow, that is, one which has been some time ploughed ; as likewise after frost, and towards the spring of the year. In furze or gorse, they lie so close as to allow themselves nearly to be trodden upon, rather than quit their form. The down or upland-bred hare shows best sport ; that bred in a wet, marshy district, the worst, although the scent from the latter may be the stronger. If a hare, when not viewed away, runs slowly at first, it is generally a sign that she is an old one, and likely to afford spert ; but hares never run so well as when they do not know where they are. Thus, trapped hares, turned out before hounds, almost invariably run straight on end, and generally till they can run no longer ; and they generally go straight in a fog.

The chase of the hare has been altered, and rendered less difficult in some degree, by the improvement of the hound used in it. In the first place, she is now so pressed by the pace at which she is hunted, that she has not time, when first started, to visit the works of the preceding night ; nor is she, from the same cause, so likely to run her foil. But when making out her foil, hounds are not let to puzzle over it now as formerly, but, if it be not quickly done, are rated forward by a whipper-in, to make good the head, and if that do not succeed, to make it good round the fences. Formerly, when hounds were at fault, the cast was made in a small circle to begin with, and then their huntsman tried wide ; whereas they now generally, and especially if the game is supposed to be not far before them, make a wide cast at first, and then contract the circle if the wide cast fails. There is reason in this ; for if the hare is on, the wide cast will cross her ; and if she is not, she has most likely squatted. The old system was, "avoid a view, if possible." The modern one rather encourages a view, but no holloaing ; for as hares regulate their speed in great measure by the cry of hounds, they are less apt to have recourse to shifts when the cry bursts upon them at once. In fact, to suit the taste of the day, which is to have everything that moves fast, it was necessary that the greater part of the system of hunting the hare should be changed. It used to be insisted upon, that harriers should never be lifted as long as they can possibly carry a scent ; and Beckford says, "a hare is not fairly hunted unless the pack be left almost entirely to themselves ; that they should follow her every step she takes, as well over greasy fallows as through large flocks of sheep ; nor should

they be cast but when nothing can be done without it." This may have been all very well when gentlemen followed hounds on foot, or were content to be some hours killing one hare; or for Mr. Beckford himself, who (although he admits having bred an infinity of harriers before he could get a pack to please him) thought hare-hunting should be taken as a ride after breakfast, to get an appetite to dinner.

But we have reason to believe, if a master of harriers of the present day wished to show his pack to advantage, and could have a choice of a run to display them, he would say, "Give me twenty-five minutes *in all*; the first fifteen a severe burst; then a fault, well hit off; and the remaining ten without a turn." But, it may be asked, wherefore the fault? We reply, because, although the speed of well-bred harriers, for a certain time, if not quite equal to that of fox-hounds, is too much for most hares, as well as for most horses that follow them, yet, after that certain time, say fifteen minutes, wind and power begin to fail, and a short check is useful. Besides, the ability of a pack, in quickly recovering a fault, is more than a counterbalance to their coming to a fault at all, which, with a short running animal, as the hare is, it is often difficult to avoid, nay, rather to be looked for indeed in every field.

The difference in the terms used in hare-hunting and fox-hunting is comprised in a few words:—Harriers are cast off in the morning; fox-hounds throw off. The hare is found by the quest or trail; the fox by the drag. The hare is on her form or seat; the fox in his kennel. The young hare is a leveret; a fox a year old is a cub. The view holloa of the hare is, "Gone away;" of a fox "Tally-ho." The

hare doubles in chase ; the fox heads back, or is headed. The harrier is at fault ; the fox-hound at check. The hare is pricked by the foot ; the fox is balled or padded. The hare squats ; the fox lies down, stops, or hangs in cover ; the "who-whoop" signifies the death of each.

Our ideas of a complete pack of fox-hounds are very soon expressed. For four days' hunting in the week there should be not much less than sixty couples of working hounds ; nor do we think more are necessary, as hounds, like horses, are always better and sounder when in regular work. For three days in the week, forty couples are enough. They should have at their head not only a huntsman, but also a master, each of whom knows his business, and one *clever* whipper-in, and another as clever as you can get him. It is not necessary, because it is not feasible, that they should all be good drawers of covers ; but it is absolutely necessary to perfection that they should all get to work as soon as a fox is found, and prove themselves true on the line their game has gone. As to their being quite free from riot on all days, and on all occasions, the man is not yet born *who can say with truth*, "my hounds *never run riot*." Nature is seldom extinguished ; and as *Æsop's* damsel, turned to a woman from a cat, behaved herself very well till the mouse appeared, so will hounds occasionally break away upon riot, particularly when out of sight of the servants, in large covers, or when disappointed by a long blank draw. We conceive a pack of fox-hounds entitled to be called "steady from riot," if they will bear being put to the following test :—If, when at fault for their fox, in the middle of a large field, a hare gets up in view, and not a hound stirs, nor attempts to break away after her ; and

this without a word being said to caution them. But it is in chase, with only a holding scent, that a pack of fox-hounds display their excellence. In such a case as this there must be checks ; and it being ten to one against their fox running straight, because they cannot press him, now is the time to see them work. Do they carry a good head when the scent is a-head, and serves them well ? Are they cautious when it does not ? And do they turn short when the game has turned right or left, or is gone back ? Are they careful not to overrun the scent, and will they stand pressing to a certain degree by the horsemen ? But having overrun it, do they stop directly, and make their own cast ? Should that fail, do they come quickly to horn or holloa—to their huntsman's cast ? Do they fling for a scent when their huntsman lifts them to points, and not attempt to *flash*, or break away, without a scent ? When the scent serves well, do they not only carry a good head over a country, but, as their game is sinking, does the head become better ? If they do all this, and have speed and stoutness withal, they are equal to any fox in any country, and are worth a thousand sovereigns to a sportsman.

The number of fox-hounds taken into the field depends chiefly upon country ; more being required in that which is woodland, than for an open champaign, or for our inclosed grass districts, such as Leicestershire. Eighteen couples are generally considered as sufficient for the latter ; and the strongest woodlands do not require more than from twenty-two to twenty-five couples ; and we consider the latter the more common number, in the field, of any pack in any country.

The average speed of fox-hounds is estimated at ten miles,

point black, over a country, with a good scent, in one hour ; that is to say, making allowance for deviations from the straight line, hounds seldom go more than ten miles, from point to point, in that space of time. Mr. Beckford has a very judicious remark on this part of his subject. "That pack," he writes, "may be said to go the fastest that can run ten miles the soonest, notwithstanding the hounds separately may not run so fast as many others. A pack of hounds; considered in a collective body, go fast in proportion to the excellence of their noses and the head they carry ; as that traveller gets soonest to his journey's end who stops least upon the road. Some hounds that I have hunted with would creep all through the same hole, though they might have leaped the hedge ; and would follow one another in a string, as true as a team of cart-horses. I had rather see them, like the horses of the sun, *all abreast.*"

There is nothing in the history of our domestic sports and pastimes to inform us correctly as to the date of the first regularly-established pack of fox-hounds kept in England. Neither the holy prioress of St. Alban's, Dame Juliana Berners, Markham, nor any of the very old writers on such subjects, are able to satisfy us on this point ; but, on the authority of the Rev. William Chafin, in his *Anecdotes respecting Cranbourn Chase*, the first real steady pack of fox-hounds established in the western part of England was by Thomas Fownes, Esq. of Stepleton, in Dorsetshire, about the year 1730. "They were," says the author, who wrote in 1818, "as handsome, and fully as complete in every respect, as the most celebrated packs of the present day. The owner, meeting with some worldly disappointments, was obliged to

dispose of them ; and they were sold to Mr. Bowes, in Yorkshire, the father of the late Lady Strathmore, at an immense price for those days. This pack was probably the progenitors of the very fine ones now in the north. Before this pack was raised in Dorsetshire, the hounds which hunted in the chase hunted all the animals promiscuously, except the deer, from which they were necessarily made steady, otherwise they would not have been suffered to hunt at all in it." Lord Yarborough's fox-hounds, at Broklesby Hall, Lincolnshire, have been established for upwards of 170 years, and the Smitts have hunted them for several generations.

THE FOX.

The fox makes a conspicuous figure in the natural history of animals ; still, in some respects, his character has been overrated and exaggerated. He is a native of all temperate regions ; and although we read of the cur, the greyhound, and the mastiff fox, we consider a fox as a fox, the difference in size, colour, etc., being dependent on either climate or food. It is true, they are larger in some particular parts of England than in others ; and it is generally believed, that such as are what sportsmen call "stub-bred foxes," that is bred above, and not below ground, are the largest. It is in this sole instance that the habits of the fox differ from those of the wolf, to whose genus he belongs ; the she-wolf never bringing forth her young, as the fox does, under ground. But although the general conformation of the fox is the same as that of the wolf, his external form has a greater resemblance to the dog, with whose character also he closely assimilates, when domes-

ticated, in expressions of affection, of anger, or of fear. When minutely examined, and particularly in relation to his predatory life, and, consequently, the dangers to which he is exposed, he will be found to be abundantly endowed by nature with the instinctive faculties requisite for such a life, in addition to the most elegant form an animal of his size is capable of. Foxes copulate in the winter months, and of course bring forth in the spring, on an average perhaps half a dozen cubs at a litter, born blind like the dog ; but the period of each depends on the mildness or severity of the winter. Excepting during the season of sexual desire, the fox is a solitary, not a gregarious animal, for the most part passing the day in sleep, and the night in prowling after food.

The food of the fox is extremely variable ; indeed, very few things that have or have had life come amiss to him ; but we have reason to believe that rabbits, hares, poultry, partridges, and pheasants, with their eggs, are his favourite repasts ; and when these are not to be had, he contents himself with field-mice, black beetles, snails, and frogs. That he can even exist solely on the latter, was proved a few years ago, by the circumstance of a fox-hound and a fox having been found at the bottom of a dry well, into which they had fallen ; the hound had perished from hunger, but the fox had supported his life on frogs. Of those animals and birds which we call game, they are without doubt destroyers—of pheasants, it is asserted, twenty-five per cent. ; but how it happens that they have been charged with feeding on grapes, we are, as far as our own experience directs us, quite at a loss to determine. The fact, however, is stated by several accre-

dited writers, and has given birth to the fable of the fox and the grapes, the moral of which is a severe rebuke to an envious person who "hates the excellence he cannot reach." Aristophanes, in his *Equites*, compares soldiers devastating a country to foxes destroying a vineyard; and Galen (*De Aliment.*, lib. iii., c. 2) tells us, that hunters ate the flesh of foxes in autumn, because they were grown fat with feeding on grapes. There are also two lines in Theocritus (*Idyl.* E. v. 112) which admit of the following version :—

I hate those brush-tailed foxes, that each night
Spoil Micon's vineyards with their deadly bite.

He is likewise accused of eating human flesh, and, we have reason to believe, accused justly. In addition to the sentence pronounced by David, in the sixty-third psalm, that the enemies of God and himself should be "a portion for foxes," we have the following interesting historical anecdote. When the famous Messenian general Aristomenes was thrown into the Cæadas (a deep chasm into which criminals were hurled) by the Lacedæmonians, his life is said to have been preserved by following a fox that was feeding on a dead body, to the aperture at which he had entered, and through which, after enlarging it with his hands, he himself escaped.

But although the subtlety of the fox has been proverbial from the earliest times; so much so, that our Saviour himself called the tetrarch Herod "a fox," by way of signifying the refinement of his policy; we do not perceive that, with the exception of a timid prudence on breaking cover, he shows more sagacity in his endeavours to baffle his pursuers than the hare is known to do, if indeed so much. To "catch a

"weasel asleep," is a typical designation of an impossibility ; but foxes are frequently surprised in their naps by hounds drawing upon them, up wind, particularly when gorged with food. In the faculty of natural instinct, however, they are equal to the dog ; there being well-attested instances of their being sent, *marked*, upwards of fifty miles in a bag, and, having escaped being killed by hounds before which they were turned out, being retaken in their native woods. One was marked and sent down from Whittlebury Forest behind the venison-cart, when the Duke of Grafton's hounds were kept at Croydon, and it found its way back the seventy miles, no less than three times, before it was run into. But it is in his last moments, when seized by hounds, that the superiority of character in the fox over the hare exhibits itself. He dies in silence ; but he sells his life dearly ; for, revengefully seizing upon the first hound that approaches him, he only relinquishes his hold with the last gasp.

When first the fox was hunted in Great Britain, he was considered merely as a beast of prey, and killed in any way in which he could be got at, generally by being caught in nets and pitfalls, or killed at earth by terriers—his scent not being considered favourable to hounds by our forefathers. Although they admitted it to be hotter at hand than that of the hare, their favourite object of pursuit, they believed it to be sooner dissipated ; but perhaps the real cause of their objection was, in the general inequality of speed and endurance in the hounds of their days and in a really wild fox ; and foxes then were undoubtedly stouter, and able to run much greater distances from point to point, than they now do, when they have comparatively so short a distance to

travel for their food, as well as being often over-fed. These animals, then, being always destroyed when an opportunity offered, were of course generally scarce ; which, added to the great extent of woods and other fastnesses with which England then abounded, accounts for the fact of hunting the fox, unless as a beast of prey, not being in vogue until these objections were removed. But the fox was ever considered as a mischievous animal, and, in one signal instance, is said to have been made an engine of mischief to a vast extent, in carrying fire and flame into the standing corn of the rebellious Philistines.

As the preservation of the fox is now more an object in Great Britain than his destruction, it may not be amiss to observe, that a few links of an iron chain, such as an old plough-trace, or a small piece of red cloth, suspended near to the spot on which a hen-pheasant sits, is a certain protection from foxes, of herself, her eggs, or her brood, independently of her losing her scent, by a wise provision of Providence, during the incubation.

It is also asserted by sportsmen of experience, that the scent of foxes varies with the animal ; and that a vixen-fox which has laid up (brought forth) her cubs is nearly devoid of scent.

HUNTSMAN.

“A good huntsman,” says Beckford, “should be young, strong, active, and bold ; fond of the diversion, and indefatigable in the pursuit of it ; he should be sensible and good tempered ; he ought also to be sober ; he should be exact, civil, and cleanly ; he should be a good horseman, and a

good groom ; his voice should be strong and clear, and he should have an eye so quick as to perceive which of his hounds carries the scent, when all are running ; and should have so excellent an ear, as always to distinguish the foremost hounds when he does not see them. He should be quiet, patient, and without conceit. He should let his hounds alone *when they can hunt*, and he should have genius to assist them *when they cannot.*" It is scarcely necessary to observe that Mr. Beckford is here speaking of a huntsman to fox-hounds, his demands on the hare-hunter being somewhat more moderate ; and yet the difficulties he has to combat with are more than obscurely acknowledged. Aware that practice is the key to excellence in every art, and that experience is the great mistress of all human knowledge, he requires age, with its experience, to fit the hare-huntsman for his office, and to be a match for the wiles of the hare ; very ludicrously adding, that, "for patience, he should be a very Grizzel."

We do not think we exaggerate when we say, that the picture here drawn of a clever huntsman may, in one degree (of bodily endowments at least), be termed a near approach to human perfection ; nor do we hesitate in adding our conviction, that if to the attributes here given him are joined a comprehensive mind and a humane heart, nothing is wanting to make it complete. As the chase is said to be the image of war, "but without its guilt," let us suppose Mr. Beckford had been drawing the character of a soldier, and not a huntsman. Could he have given him higher qualifications than a clear head, nice observation, a good constitution, undaunted courage, a powerful voice, an accurate

ear, and a lynx's eye, together with a quick perception, endowed with quick impulses for acting, so necessary to each ? That he should be "fond of his profession," and "indefatigable in the pursuit of it;" "sober" and "exact," "sensible and good tempered ?" It is not necessary that either a huntsman or a soldier should be a man of letters ; some of the best among the former have been scarcely able to read ; and there have been but few Cæsars who could fight and write ; but a good understanding is put to the test by both the one and the other ; and although we do not mean to place the servile situation of a huntsman on a level with the honourable profession of the soldier, each requires, in a high degree, a good, sound understanding, and a manly exertion of talent.

But the office of huntsman to fox-hounds is not always intrusted to servile hands. It has long been the ambition of masters of packs to hunt their own hounds ; and although the fashion has become more prevalent within the last thirty years than it was in the earlier days of fox-hunting, yet we could bring forward some instances of what are called gentlemen-huntsmen of pretty long standing. His Grace the Duke of Cleveland, and Sir Richard Puleston, Bart., each hunted his own hounds for nearly forty years ; and the late William Leche, Esq. of Carden-Hall, Cheshire, was his own huntsman for an equally long period. Coming next to them in chronological order, stand Messrs. Ralf Lambton, Musters, Thomas Assheton Smith, Lord Fitzhardinge, Sir Bellingham Graham, Bart., Mr. Osbaldeston, Mr. Nicoll, the Earl of Kintore, Mr. Smith, late of the Craven, Sir Richard Sutton, Mr. Baker, Mr. Arkwright, the Honourable Grantley Berkeley,

and several others. There can be no doubt that no man enjoys hunting to perfection equally with him who hunts his own hounds ; nor can there be any reason assigned why an educated gentleman should not excel, in any ardent and highly scientific pursuit, an uneducated servant ; nevertheless, we do not think that, throughout the fox-hunting world in general, gentlemen huntsmen have been so popular as might have been expected ; and in some countries that are hunted by subscription, an exception is taken against the master of the pack being the huntsman. That it is a very laborious office when efficiently executed, both in the kennel and the field, is well known to those who have filled it ; but, *labor ipse voluptas*, we have seen a painstaking zeal displayed in the master which we have too often seen wanting in the servant ; and we could name a nobleman who used frequently to tell his huntsman, when drawing for his second fox, that he was “thinking more of his dinner than of hunting.”

In the earliest days of English hunting, gentlemen huntsmen were in high estimation ; and a reference to *Domesday Book* will show that Waleran, huntsman to William the Conqueror, possessed no less than fifteen manors in Wiltshire, eight in Dorsetshire, together with several in Hampshire ; and his name occurs on the list of tenants *in capite* in other counties. The same venerable record of antiquity describes the extensive possessions of other huntsmen, bearing the names of Croc, Godwin, Willielmus, gentlemen of consideration in those times, in which, according to Froissart, the ardour of the chase was carried to a pitch since unequalled by the Norman lords, some of them having kept sixteen hundred dogs, and a proportionable number of horses for the

chase.* But we may go still further back, to a very barbarous age, for the respect in which huntsmen have been held by kings and legislators. The temperate but brave Agesilaus, and even the luxury-destroying Lyeurgus, provided for the bountiful entertainment of their huntsmen on their return from the chase—a pursuit which they believed to be so agreeable to the gods, that they offered the first fruits of their sports to Diana.

THE DUTIES OF A HUNTSMAN.

The situation of huntsman to a pack of fox-hounds is one of great responsibility, and, if the breeding as well as hunting of them be left to him, a very arduous undertaking. Nor does it end here. There is great call for judgment in feeding hounds to answer every purpose, such as long draws, severe days, and at the same time to go the pace without showing distress, and to come home at night with their sterns up, and looking fresh. Here variety of constitution increases the difficulty; for, to please the eye, hounds should look level in their condition, as well as even in point of size. One hound will not bear to have his belly more than half filled; another will not fill his when he may; and still each must be made equal in strength and wind to the other, to stand hard work and go the pace without distress. A huntsman must have a very watchful eye over their condition, which will be effected by work and weather; and he must be pathologist enough to foresee and provide against the alterations which such circumstances produce. He has need

* See *Froissart*, tom. iv., c. 27.

also to be a physiologist, to enable him to exercise a sound judgment in breeding his hounds after a certain form and fashion, which are absolutely essential to their doing well, and at the same time pleasing the eye. Then look at him in the field, with a hundred eyes upon him, and a hundred tongues to canvass all his acts. Here he should be a philosopher.



IN THE FIELD.

A huntsman is expected to bring his hounds to the cover side in a high state of condition, at all seasons of the year. They should be seen quietly grouped about his horse's heels, when he is waiting for the hour of throwing off, without a whip stirring, or even an angry word said to them. This is a time when they are often subject to the inspection of strangers, and a first impression goes a great way. When the master gives the word to draw, they should approach the

cover at a gentle trot, one whipper-in riding in their front ; and when within about a stone's throw, they may dash into it with as much spirit as they like. Not a word need be said by way of caution, unless it appears to be especially called for, when "gently, there," by the first whipper-in, and one smack of his whip, will generally have the desired effect. But we like to see the huntsman alive at this moment, as well as his hounds. Homer compares hounds cheered by their huntsman, to troops encouraged by a skilful general ; and doubtless there is a similarity in the effect. Putting hounds out of the question, there is something very cheering to the field in the "cheering holloa" of a huntsman, when encouraging his hounds to draw ; and it also answers two good purposes. Should a hound get wide of the pack, or hang behind in the cover, or should any of the field be at a loss, which often happens in woodlands, the "pipe" of the huntsman is an unerring guide to all. How necessary is it, then, at all events how desirable, that, like Ajax, he should be *βοήν ἀγαθός*, "renowned for the strength of his voice," and, we may add, for the melodiousness of it. He should likewise blow a horn well ; and if he varies the blast, to make himself more intelligible to his hounds, he will find his advantage in it. We wonder this is not more practised than it is. Independently of the common *reheat*, why not have the "view horn" as well as the "view holloa ?" But too much horn, like *vox et præterea nihil*, is bad, making hounds apt to disregard it ; yet a huntsman would be sadly at a loss without it, not only in getting hounds away from cover and in chase, but in drawing large covers, in which they will occasionally get wide. Here a twang of the horn saves a

huntsman's voice in bringing them over to him. One short blast is sufficient.

“ He gave his bugle-horn a blast,
That through the woodlands echoed far and wide.”

The following observations on holloaing are from the pen of an old sportsman. They contain hints that it would often be advisable to profit by ; and they apply not only to huntsmen, but to the field. “ A general rule as to *hallooing* is, never to halloo unless you can give a good reason for so doing. A constant and indiscriminate use of the voice is blameable in a huntsman ; his hounds, by constantly hearing his voice, will soon learn to pay no more attention to it than they do to the singing of the lark, and they will not come to him when they are called. Some huntsman, in making a cast, try that part of the ground where they can most conveniently ride, instead of that where it is most likely the fox is gone. Others ride on hallooing, without regarding their hounds, while making their cast ; their own noise then prevents them from hearing their hounds, who often take the scent without their being aware of it.

“ No person should halloo that is not well forward. It signifies little what words you use, as a hound's knowledge of language is confined to a view halloo, a call, and a rate ; it is the tone of the voice, and not the words that they understand ; and hounds will always draw to the voice, if it be not a rate. This shows the impropriety of hallooing behind hounds. In running with good scent, if you are up with the pack, a cheering halloo does no harm ; the hounds will not attend to it, and it is expressive of the pleasure of the hallooer. Never cap hounds with loud halloos to a bad scent ;

capping makes them wild and eager, and should never be done but when the scent is high. Hounds should be brought up gently to a cold scent." Holloaing to hounds is often necessary, and highly useful when done with judgment; but the word "tallyho" loses many a good run; as, unless a fox is gone clear away from his cover, it occasions him to turn back often into the mouth of the hounds.

DOG LANGUAGE.

It is true, no correspondence can subsist between beings whose natures are separated by a chasm so wide as that between rational and irrational animals; and it is with a view of adapting our meaning to the level of their understandings, that we generally address or converse with brutes in a silly unmeaning manner; which gave rise to the remark, that children, or men who act like children, have animals more immediately under their control than the philosopher who is replete with wisdom. But we may look farther into the subject than this. If the Almighty had not manifested some portion of his attributes by means which are on a level with the capacity of the human race, man must have remained for ever ignorant of his Maker. The power of language, however, between man and man, is prodigiously increased by the tone in which it is conveyed. The vagrant when he begs, the soldier when he gives the word of command, the senator when he delivers an oration, and the lover when he whispers a gentle tale to his mistress, all differ in the key in which they speak; and it is thus that huntsmen and whippers-in make themselves intelligible to hounds. They

do not speak to them in an unmeaning manner, or after the manner of children ; but in short and pithy sentences, every word of which is law. The method of doing this, however, admits of several degrees of excellence ; but the huntsman who is endowed by nature with a clear sonorous voice, in a well-pitched key, and knows when to use it with effect, contributes greatly to the enthusiasm of fox-hunting, and no doubt to the success of it. Gelert, in his *Hounds of England*, speaks of the master of Langilly hounds (Mr. J. Williams) as one whose "dog language in cover-drawing is particularly good and melodious ;" and it is notorious that there is a wonderful difference between huntsmen in this respect.

Without entering ~~again~~ into the wide range of hunting, we cannot do more than add a few maxims which may be observed by a huntsman in the field. In drawing for your fox, don't be persuaded always to draw up wind. In the first place, you are in danger of chopping him ; secondly, he is sure then to go down wind at starting ; and, thirdly, you may drive him into a worse country, or from his point. When found, get after him as quickly as possible if you have a body of hounds with you ; if not, you will have a better chance of sport if you can wait till the body come up. This is easily done by a twang of the horn, or a false holloa, if hounds are under good command, and the convenient opportunity be seized upon. Keep near to them in chase, with your eye on the *body* of the pack, as well as on such hounds as may be leading ; the body are more certain to be right. Next to knowing where a fox is gone, is knowing where he is not gone ; therefore, in your cast, always make good the head. This you will do for your satisfaction ; but hounds are

seldom at fault for the scent a-head, when the chase has been at all warm, that is, on a fair scenting day ; for if the fox be gone forward, wherefore the fault ? Good hounds will seldom or never leave a scent a-head, unless the ground be stained by sheep or cattle, or when the chase leads over dry ploughed land, hard and dry roads, etc. It is high odds that your fox has turned to the right or to the left ; but although his point may be back, he cannot well run his foil, from the number of horsemen that are generally in the rear of fox-hounds. Recollect your first check is generally the most fatal to sport, and for these reasons : Your hounds are fresh, and perchance a little eager ; they may have overrun the scent for some distance, owing to their being ~~over~~ used by the horses, which are also at this time fresh ; nor will they always get their heads down as soon as they should do, from the same exciting causes. Again, your check now generally arises from a short turn, the fox having been previously driven from his point, which he now resolves to make ; and he will make it at all hazard at certain times. When your hounds first "throw up" (*i. e.* check), leave them alone if they can hunt ; but, disregarding what the "old ones" say on this subject, as inapplicable to these fast times, don't be long before you take hold of them, and assist them, if they cannot. We would not go from scent to view ; yet hounds in these days that will not bear lifting are not worth having. But do all this quietly as well as quickly. Turn your horse's head towards the line you think your fox is gone ; and the first moment you see all their heads up, that is, if they do not hit him off, put your horn to your mouth for one blast or two, and trot away to still more likely points. If your pack will divide when

casting, so much the better ; but if they are good for anything, they will be making their own cast whilst you are making yours, by not keeping at your horse's heels, but spreading as they go.

When you have hit upon his point, if a single hound goes off with a good scent, get the body to him as quickly as you can ; but not so if the scent be not warm. In the latter case, your hounds will be in expectation of a fresh fox, and will be in a hurry ; the hound that is forward will be lifted, and in all probability you will have to seek for the scent again. Go gently, and your hounds, if steady, settle to it. Likewise, if, when at check, you are holloaed to a spot where a fox has been viewed, *stand still*, and say nothing at the moment the first two or three hounds throw their tongues. If you hurry the body on immediately, the scent will often be lost if the fox has been a few minutes gone. If it can be done, give your hounds the wind at a crisis like this. Again, when a fox has been viewed, and you go directly to holloa, do not take your hounds to the extreme distant point at which he was viewed, but a hundred yards behind it ; and for this reason : If you take them to the extreme point, and they do not take up the scent at once, you have then to make your cast at a venture ; whereas, if you lay them on at that distance behind it, you have somewhat of a guide to that extent, as to the line towards which you should draw them.

The following further hints may be serviceable, or at all events they relate to hounds at check. In trying back, hounds have this advantage. It is evident the fox has come the line, up to the point where the check occurred ; and he must be gone either to the right or the left of it, or back.

We make this observation, because so much has been said about the straight running of foxes, which is far from true ; and the necessity of persevering in the cast a-head with the fox, and back, on the foil, with the hare. The more hounds spread, within reason, in this backward cast, the better will be the chance of making the check a short one. Again, if at check on a road, or foot-path (the latter not often run over by foxes), when you observe some of your best hounds failing to make it good, on one side of either, it is reasonable to suppose the fox is gone on the other. If your hounds check in a cover in the middle of a run, and the fox is viewed away from it, try and get your hounds together as much as you can in the short time that can be allowed for it, *before you cap them to the scent*. It generally ensures a good finish, from two obvious causes : First, hounds get fresh wind ; and, secondly, they will have a better chance to carry a good head, which generally ends in blood, and in blood well earned ; for the fox is more likely to stand longer, and go straighter, for not having been viewed by hounds when he broke. But the most difficult point for a huntsman to decide upon promptly is, when his pack divides, which division is on the hunted fox. If it happen in cover, his ear is his surest guide, as the cry is louder and stronger on a fresh found fox, than on one which has been for some time on foot. If when out of cover your pack should split on two separate scents, you should get as near as you can to what you imagine to be the chase, giving view holloas every yard you go ; also sending one of your whippers-in to stop the other hounds. Your choice will doubtless be directed by several circumstances. You will first look for your truest and best line-hunting hounds, and

next, to the points your first fox would be likely to make for ; and if your choice fall upon the lot that are going furthest up the wind, the other will be more likely to hear them running ; and, should they come to a check, to join cry again perhaps before a whipper-in can get to stop them.

It was once justly observed, that those who seek pleasure from the chase must ask permission of heaven ; and the case still remains the same. Hounds without a scent resemble a man running in the dark ; neither can make head against such fearful obstructions ; and on stormy days, with a very high wind, if you have influence with your master, persuade him to let you go home after the first failure. It is not generally known what mischief even one such day does to some hounds. Don't set too high a value on blood, unless well earned ; it is the result of want of reflection alone that has set any value whatever upon it, when otherwise obtained. Mob a bad fox in a cover if you like ; but never dig out a good one, unless your hounds have almost viewed him into a spout, and you can bolt him before the excitement subsides. Never break ground in a country belonging to another pack of hounds, nor dig for a fox in a moin earth in your own. Many a bitch fox, heavy with young, has been killed by this means in the spring, instead of the one that was hunted and marked to ground ; and be assured that sportsmen in general do not estimate the goodness of a pack of hounds by the noses nailed against the kennel door. Lastly, keep your field back from pressing on your hounds in chase, and still more so when in difficulties, as well as you can ; but don't suffer your zeal to carry you too far on this point. Remember the apostolic precept, "BE COURTEOUS."

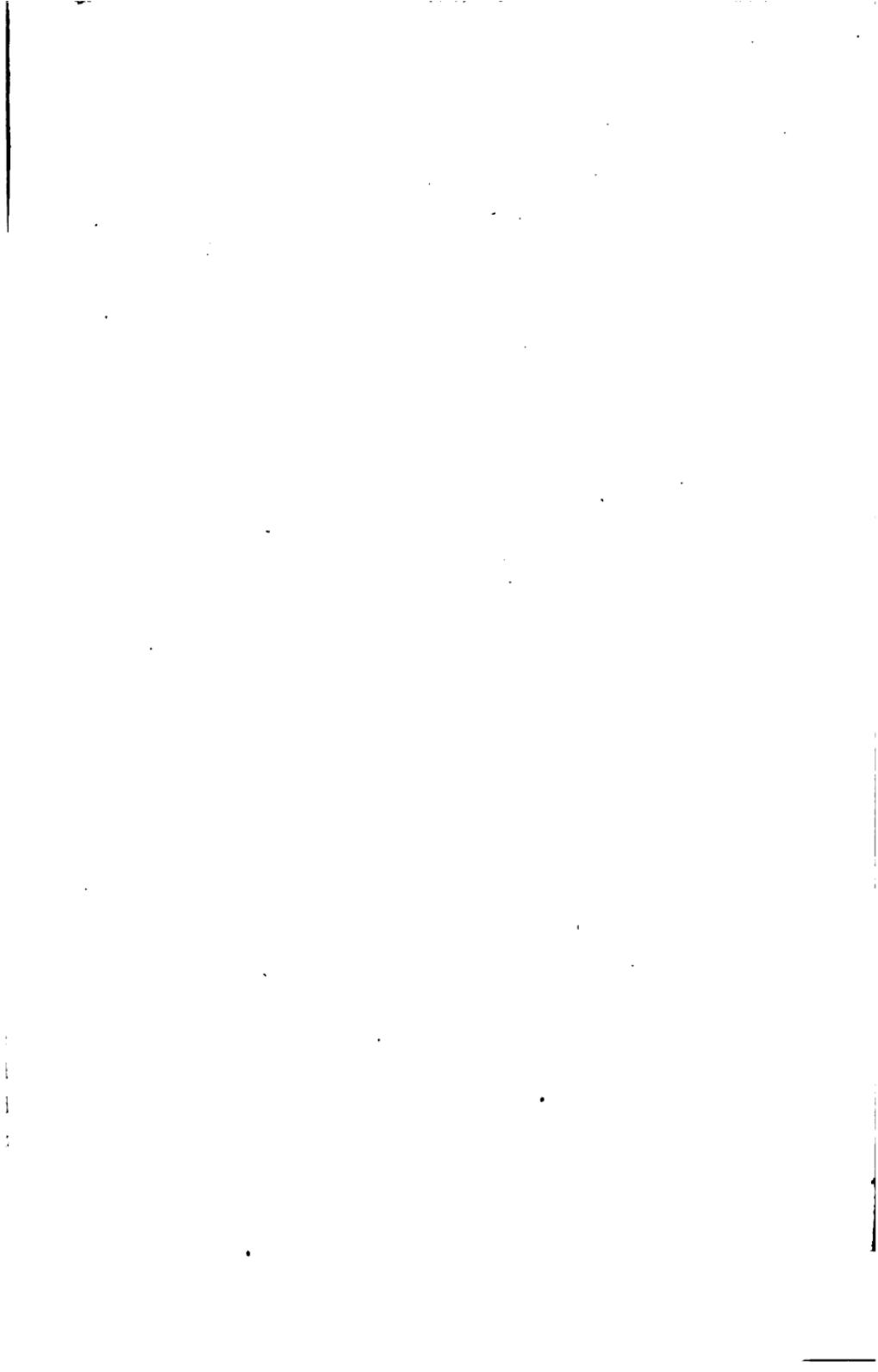
The modern annals of sporting contain the names and characters of several very eminent huntsmen, whose conduct and abilities would have done credit to any other situation of life to which it might have been their lot to have been called. Considering the responsibility of their office, the severity of their work, and the risks they run, they are not supposed to be too highly paid in wages, say on the average £150 per annum, besides their board ; but, from perquisites, such as annual presents from gentlemen who attend the hounds which they hunt, and drafted hounds sold to other packs, they may realize the like sum in addition.

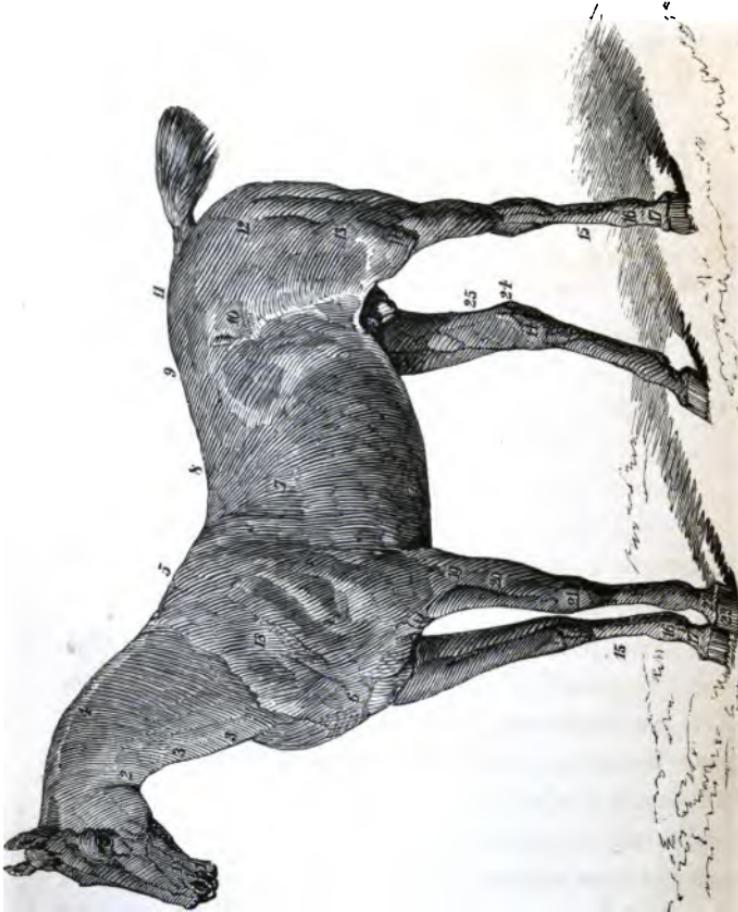
The office of whipper-in is, in our opinion, thought more lightly of by the sporting world in general than it deserves to be ; and, as we shall show, we have the great Beckford on our side. We never saw a steady pack of hounds without at least one good whipper-in, and we are quite sure we never shall ; but we have seen many of these red-coated youths who might have been better employed at the plough-tail—who, like Cicero's lawyer, belonged rather to the profession than the science. “ If he has genius,” says Beckford “ he may show it in various ways ; he may clap forward to any great earth that may by chance be open ; he may sink the wind to halloo, or mob a fox when the scent fails ; he may keep him off his foil ; he may stop the tail hounds, and get them forward ; and has it frequently in his power to assist the hounds without doing them any hurt, provided he has sense to distinguish where he is wanted most. Besides, the most essential part of fox-hunting, *the making and keeping the pack steady*, depends entirely upon him, as a huntsman should seldom rate and never flog a hound. In short, I con-

sider the first whipper-in as a second huntsman ; and, to be perfect, he should be as capable of hunting the hounds as the huntsman himself. He should not be conceited, but contented to act an under part, except when circumstances may require that he should act otherwise ; and the moment they cease, he must not fail to resume his former station."

To the above excellent remarks we have very little to add. We only recommend, when a huntsman is casting his hounds, that a whipper-in should turn them to him always as gently as he can, and with little noise ; by which means they will *draw* towards him, trying for the scent as they go ; whereas loud and repeated rates and cracks of the whip make hounds fly to their huntsman at this time with their heads up. When they are drawing properly towards him, not a word should be said ; a whipper-in riding outside of them will be sufficient.

It is scarcely necessary to say, a whipper-in, to be perfect, should be an accomplished horseman, as nothing requires a much firmer and nicer hand than the act of following a hound over open ground to flog him. A whipper-in, however, should always hit a hound first, and rate him afterwards, and be able to hit hard when occasion requires it. A riotous fox-hound cannot be trifled with, if he is to be cured of his evil ways ; and let the lash fall heavily when necessary, but at no other time. Above all, let the whipper-in have an eye to a skirter ; skirting is the least pardonable fault a hound can possess, because he is then deviating from his nature, and has not the force of impulse to plead, which the hound that runs riot has.





1.1. Muzzle, parts about the mouth.

2. Gullet.

3. Windpipe.

4. Crest.

5. Withers.

6. Chest, or counter.

7. Girth.

8. Back.

9. Loins.

10. Hip, or ilium.

11. Croup.

12. Haunch, or quarters.

13. Thigh.

14. Hock.

15. Shank, or can. non.

16. Fetlock.

17. Pastern.

18. Shoulder-bone, or scapula.

19. Elbow.

20. Fore-thigh, or fore-arm.

21. Knee.

22. Coronet.

23. Point of the hook.

24. Ham-string.



HORSE-DEALING.

A TRAFFIC in horses must have been carried on in very early times, for we read in the 27th chapter of *Ezekiel*, that "they of the house of Togarmah traded in the fairs of Tyrus with horses and mules." Neither is it a little remarkable that no less a personage than Solomon himself should have dealt largely in horses, having them brought from Egypt and other countries in strings, and selling them again, at a great profit, to the neighbouring kings. He was likewise a great breeder of these animals, in which he was favoured by having married a daughter of Pharaoh, and therefore enabled to have the picking of Egypt for those of the best form; which circumstance, together with the well known rapidity with which a stud of horses multiply, accounts for the immense

extent of the royal stables, and the splendid array of horse-men that turned out of them. It would, however, be very interesting to us to be informed in what way this traffic was conducted, generally, in the early ages of the world; whether the cheating, the tricks, and the frauds, now in practice, and so often successful, among the lower orders of horse-dealers, were resorted to then; and whether, amongst those of a higher grade, the wholesome precaution of "*caveat emptor*,"—"let the buyer beware," was as necessary as it is at present. We know, from the history of our own country, that cheating in horse-flesh was carried to such an extent during the reign of Richard the Second, that in 1386, a statute was passed regulating the price of all horses, and which statute was proclaimed in the chief breeding counties of England. But according to Pomponius (*Digest. l. 4. tit. 4. 16.*) the law of nature allows of over-reaching in buying and selling—(what a good father-confessor this Pomponius would have made to some of our modern horse-dealers;)—and Erasmus appears nearly to sanction a license to horse-dealers in these words:—"Scis quanta impostura sit, apud nos, in his qui vendunt equos." That some rules, however, should be established, for the protection of the ignorant against the arts of the designing, appeared absolutely necessary to British legislators; and the laws relating to selling horses, on warranty, have been, in themselves, rendered as protective to the purchaser as we believe it is possible for words to make them.

But the difficulty and uncertainty in appealing to these laws, lies in the difficulty and uncertainty of proof, and which may be thus accounted for. In the first place, no

evidence is so vague and contradictory as that given in horse causes,—and even when given by perfectly disinterested persons, merely such as are called upon professionally. Secondly, by their almost general ignorance of the economy of the horse, either in theory or in practice, both judge and jury often labour under very great disadvantages in their endeavours to get at the truth. Moreover, what says the warrantor of a horse—and it is upon warranty alone that an action of *trouer* can be brought? Why, he first warrants him sound; perhaps free from vice; sometimes quiet to drive in harness, and now and then a good hunter. Now there is no such equivocal word in the English language as the word "*sound*;" it can be only properly used with reference to an original idea, or object, and is therefore purely an analogical word. As to its significations, they are too numerous to mention here, nor is its derivation perfectly satisfactory. If from the Latin word *sanus*, it might be properly applied to a healthy horse, but if from *sonus*, a sound, or noise, it might better apply to a confirmed roarer than to a horse with good lungs. But what should we say to a horse warranted sound asleep? However, to be serious, although it may be difficult to sound the meaning of this word, (for example, we eat cod's sounds, from a sound, or a narrow sea,) we will presently endeavour to show what, in law, is considered an unsound horse.

Then a warranty of "free from vice," is one of a very ticklish nature. It might be very difficult to prove any real act of vice in a horse, whilst in the possession of the seller; and, in the next, a horse, from being ill-treated, or alarmed, may become vicious in a week, never having been so before.

There was a remarkable instance of this a few years back, in a Cossack horse which had carried General Platoff during the war between Russia and France, and which, when in England, he presented to his late Majesty, George the Fourth, then Prince Regent. When first received into the stables of Carlton House, he was quiet and tractable in the highest degree ; but in consequence of his having been ill-treated by one of the grooms, he became so vicious that he could not be approached without danger. "A good word," says the proverb, "will lead an elephant with a hair;" and horses are equally sensible to good or ill usage, and often—as in this case—prepared to resent the latter. Equally liable to objection is the warranty of "quiet in harness," or "a good hunter." The horse warranted as the former, may be very quiet on the day he is sold, but, in a week afterwards, from some mismanagement in the driver, from sudden alarm; or from some part of the harness pinching him, he may become a kicker or a runaway. The hunter also may be a good one for one man, and not worth a shilling to another, all depending upon the pace at which he is ridden after hounds.

But in all cases of a horse warranted sound, one, often insuperable, difficulty arises in the event of his proving unsound—and this is, the proof of his having been unsound or lame, from the very identical cause of his present unsoundness, or lameness, *whilst in the possession of the seller*. Without this proof, no action of *trouver* can be maintained ; and, as we are aware that some diseases will remain a long time inactive—in fact, will not be brought into action at all until the horse has done some work—warranties are, after all, but very slender securities to the buyer. In our opinion, the

general purchaser, if he have no previous knowledge of a horse he wishes to become possessed of, has a better chance of protection from loss, by adopting the following precautionary measures, than from trusting to the "glorious uncertainty of the law :"—Let him submit the horse to the inspection of a veterinary surgeon of acknowledged ability, who, from his anatomical knowledge, will be able to detect not only incipient disease—the chief cause of subsequent unsoundness—but to make a fair estimate of the probability of the horse not becoming unsound from mal-conformation of limbs, ill-organised feet or fetlocks, bony excrescences, which so frequently abound, and are in some cases injurious, although in others not ; ill-organised eyes, etc. etc. As to the good properties of the horse, they are to be judged of by the buyer, and a difficult judgment it is, without a previous trial, so many circumstances being combined in it. In fact, as knowledge in horse-flesh can only be the result of experience, we strongly recommend all inexperienced purchasers not only not to rely on their own judgment, but, in their purchases from regular dealers, to procure, if they can, a week's trial of horses for their own riding, with a stipulation to pay a certain sum for the said trial, in case of their not being found suitable. In the event, however, of a warranty being required of the seller, it may be well to let it embrace as many points as may be likely to be called in question afterwards ; that is to say, an express or qualified, and not a *general* warranty—such as sound, free from vice, restiveness, crib-biting, etc. ; and although it has been held, that it is not necessary (as in the case of *Skrine v. Elmore*,) to have a warranty on a stamp, yet it is safer to adopt it, and then the receipt will be received

in evidence to prove the warranty, as well as the price given for the horse.

Although, in the sale of horses, warranties are very much done away with—amongst private individuals at least, and amongst sportsmen almost entirely—it may be well to state that they are divided into two classes. Namely :

A general warranty, extending, according to Lord Mansfield, to all faults known and unknown to the seller ; *a qualified warranty*, extending equally to all faults known and unknown to the seller, except certain ones specifically mentioned and excepted in the warranty. For example, in the case of *Jones v. Cowley*, where the latter warranted a horse to be sound every where except a leg on which he had had a kick, the Court of King's Bench held it to be a qualified and not a general warranty. With respect to a general warranty, the law is thus laid down by Lord Ellenborough, before whom by far the greatest number of important cases relating to horses have been tried ; and who, in addition to his great legal acquirements, had a better practical knowledge of the animal (his Lordship was celebrated for his excellent horses) than any judge of past or present time :—“If a horse be affected by any malady,” said his Lordship, “which renders him less serviceable for a permanency, I have no doubt that it is unsoundness.” Again :—“I have always held, and now hold, that a warranty of soundness is broken, if the animal, at the time of the sale, had any infirmity upon him which rendered him less fit for present service. It is not necessary that the disorder should be permanent or incurable.” It is asserted that these doctrines, so concisely expounded by Lord Ellenborough, went far to check the indiscriminate use

of the general warranty which formerly prevailed, and led to so much litigation—substituting the qualified warranty in its place, where any is required—as few horses can stand the test of a general warranty, of “sound wind and limb, and quite free from blemishes.”

With respect to the length of time to which a warranty shall extend, there does not appear to be any general rule on the subject, and few persons would be found to give a warranty of a horse, *in futuro*. As a remedy, however, against fraud practised at the time of sale, it has been expressly laid down by Lord Loughborough, in the case of Fielder *v.* Starkin, that no length of time elapsed after a sale will alter the nature of a contract originally false. The following are the particulars of the case:—Starkin sold a mare “warranted sound, quiet, and free from vice or blemish.” Soon after the sale, Fielder discovered that she was unsound and vicious; that she was a roarer, had a thorough-pin, and also a swelled leg from kicking. Nevertheless, he kept her three months, physicking and using other means to cure her; at the end of which time he sold her, but had her soon after returned as unsound; when he passed her back to Starkin, who refused to receive her. On her way back from Starkin’s she died, and, upon examination, it was the opinion of the veterinary surgeon that she had been unsound a full twelvemonth before her death; but it did not appear that Fielder had, during the three months, though in Starkin’s company, ever complained of the mare being unsound. Lord Loughborough said—“Where there is an express warranty, the warranter undertakes that it is true at the time of making it. If the horse, which is warranted sound at the time of sale, be proved

to have been at that time unsound, it is not necessary that he should be returned to the seller. *No length of time elapsed after the sale will alter the nature of a contract originally false*; though the not giving notice will be a strong presumption against the buyer that the horse at the time of the sale had not the defect complained of, and will make the proof on his part more difficult." That this mare was not according to warranty, cannot be doubted; still it stands to reason, that a person having purchased a horse under a warranty of soundness, or indeed any other warranty, should lose no time in returning him after finding he does not answer such warranty. It is, however, laid down by the late Lord Chancellor Eldon, when Chief Justice of the Court of Common Pleas, in the case of *Curtis v. Hannay*, "that if a person purchases a horse which is warranted, and it afterwards turns out that the horse was unsound at the time of the warranty, the buyer may, if he pleases, keep the horse, and bring an action on the warranty, in which he will have a right to recover the difference between the value of a sound horse and one with such defects as existed at the time of warranty;" or "He may return the horse, and bring an action to recover the full money paid; but, in the latter case, the seller has a right to expect that the horse shall be returned to him in the same state he was when sold, and not by any means diminished in value; for if a person keeps a warranted article for any length of time after discovering its defects, and when he returns it, it is in a worse state than it would have been if returned immediately after such discovery, I think the party can have no defence to an action for the price of the article on the ground of non-compliance with the warranty,

but must be left to his action on the warranty to recover the difference in the value of the article warranted, and its value when sold."

The following relates to a month's trial of a horse :—"In *Ellis v. Mortimer*, the action was brought to recover thirty guineas, the price of a horse sold by plaintiff to defendant, upon an agreement for a month's trial, and to be at liberty to return him at the end of the month if he did not like him.

"After keeping him about a fortnight, the defendant said he liked the horse but not the price ; upon which the plaintiff desired him, if he did not like the price, to return the horse. The defendant kept him ten days after this, and then sent him back *within the month* ; but the plaintiff refused to receive him.

"The Court held, that the effect of the contract was, that the defendant should have to the end of the month to decide, and that he had not determined the contract until he had actually returned the horse, and that the action could not be therefore supported." See *The Horseman's Manual*, by R. S. Surtees, Esq., Lincoln's Inn Fields.

RE-SALE BY A PURCHASER WITH A WARRANTY.

Where a purchaser, relying upon his warranty, sells the horse to another, giving a similar warranty to the one he received, and, upon its failing, an action is brought against him, and he gives notice of such failure and action to the original seller, who gives no direction for defending or abandoning the cause, the costs sustained thereby will be added

to the amount of the original damage accrued by reason of the false warranty, and the seller will be entitled to recover the sum from the original vendor. It must, however, be proved, that the horse was unsound at the time of the first sale. (See *Horseman's Manual*.)

A difficulty often arises in returning unsound horses, but an offer of an unsound horse, or of one not answering to the warranty, should always be made, because on that being made and refused, the purchaser will have a claim for the expenses of his keep, as well as for the value given for him.

Verbal warranties are not to be depended upon, by reason of their being liable to misinterpretation. For example, in a case of fraud brought some years back before the Magistrates of Bow Street, it appeared, that a person in the character of a quaker was asked by a purchaser if his horse would draw? "Thou wouldest bless thine eyes," said he, "if thou couldst see him draw." On this implied warranty, the bargain was effected; but, on its being found the horse would not draw, the quaker was remonstrated with, and made this answer—"I told thee, friend, it would delight thine eyes to see my horse draw: I am sure it would delight mine, for I never could make him draw an ounce in his life."

The question may be asked, How is it that the present system of declining to warrant horses sound, so prevalent amongst noblemen and gentlemen, both in their sales by private contract and at the Repositories, does not affect the value of them more than it is found to do? The fact is, the seller or his agent is generally asked the question, Is your horse sound? or, Do you *believe* him to be sound?—and if answered in the affirmative by a person of common veracity

and respectability, it is in great measure considered binding ; at least, a remonstrance is sure to be made on the part of the purchaser, if he has given any considerable price for the horse, and he proves unsound, particularly if the bargain has been a private one. In this case, the matter in dispute is often submitted to a reference. An arbiter is appointed on each side, and a third called in should they not be able to decide ; and we consider this by much the best medium for the arrangements of all disputes about horse-flesh, and one in which justice is most likely to be dealt out to each party. But we do not wonder at a strong remonstrance being made against any man's selling a horse he knows to be unsound, at what may be called a sound price ; for, independently of pecuniary loss and disappointment, a dear bargain is considered a disagreeable reflection on a man's judgment.

We will now proceed to the most important part of this subject, and state what constitutes a sound, and what an unsound horse. Mr. Stewart, veterinary surgeon, and Professor of Veterinary Surgery in the Andersonian University, Glasgow, says (*Advice to Purchasers of Horses*, p. 16), "At first view, it seems easy enough to define a sound horse. It may be said a horse is sound when every part of him is in perfect health ; but, upon farther consideration, it will appear that such a definition would be of little or no practical utility ; for scarcely a seven-year-old in the kingdom could be fairly said to answer to it. The most trifling splent, or even a wart, no matter how small, or where placed, are deviations from health, and would make a horse unfit to be warranted, if such a definition of the term 'sound' were to be adopted. It must therefore be qualified in order to be useful, and that

the buyer and seller may be placed upon something like an equal footing. This, however, is not so easily done, for a horse is liable to several trifling diseases, which do not in the least incapacitate him ; and yet it is difficult, I think I may almost say impossible, to define soundness in such a way as to admit those, without, at the same time, admitting others of greater consequence ; and, on the other hand, it is as difficult to define unsoundness, so as to embrace all those diseases or faults which deteriorate the animal, without likewise including many that do not. Under such circumstances, a middle course is the most advisable ; and though there must be some outstanding points, yet they are so seldom met with, that they may be left to the decision of the lawyer or the veterinary surgeon, according to circumstances. It is evident, however, that natural defects in the conformation, temper, or action of the animal, must not be considered as unsoundness. There is difference of opinion and strife enough in horse-dealing already ; and to introduce the doctrine, that a natural defect is an unsoundness, would not diminish it. Nothing but the existence of disease of one kind or another can in justice be so considered. I think the definition most likely to be generally useful, and most impartial to both buyer and seller, is this :—A horse is sound when there is no disease about any part of him that renders, or is likely in future to render, him less useful than he would be without it ; and, of course, a horse must be unsound when he *has* any disease about him, that renders, or is likely in future to render, him less useful than he would be without it."

On the question, What do you consider constitutes a sound horse ? being put to Mr. Mavor, of New Bond Street,

London, a veterinary surgeon of great practical experience (see *Horseman's Manual*, p. 9), his answer was—"I consider a horse to be sound which is perfect in structure, and perfect in function."

"I also consider a horse to be sound, though with alteration in the structure, provided he has never been either lame or incapacitated (and is not likely to become lame and incapacitated) from performing the ordinary duties to which he may be subjected in consequence of such alteration, and can perform them with equal facility as if there had been no such alteration of structure."

We heartily concur in both these definitions of soundness ; and our own opinion of a sound horse is comprehended in a few words. If a horse be free from disease, and from any alteration of structure, attended with interruption to, or impairment of, function, it matters not how much soever he may be blemished, or how imperfect soever may be his texture. These are matters that concern only the buyer, who of course can see them previous to purchase ; and it might perhaps surprise persons unacquainted with sporting affairs, to walk through the various hunting studs of Great Britain, with reference to these points. He would see in horses, whose owners value them highly, not only every deformity of texture, such as twisted legs, distorted spine, hips shotten, defective eyes, confirmed roarers (one of which we will name, viz., the late General Sir Charles Warde's famous hunter *Star*, for which he refused the enormous sum of six hundred guineas), crib-biters, and wind-suckers ; horses with curby hocks, with bone, bog, and blood spavins, with thorough-pin, with ring-bone, with string-halt, with thrush or thrushes,

with splents, with corns, with windgalls, with chronic cough, and lastly, though frequently, with one leg quite as large again as its fellow ; and he might still see such horses "performing," as Mr. Mavor expresses it, "the ordinary (and, we may add, *extraordinary*) duties to which they may be subjected," quite as well as if they were free from such defects ; or, in his own words, as if they had been "perfect in structure, and perfect in function." Still, as some of these diseases might sooner or later either destroy the animal—at all events, considerably lessen his value—we consider a warranty of soundness could not be given to a horse with defective eye or eyes, or affected with chronic cough, and perhaps with corns ; but we doubt whether an action would lie against the warranty of either the roarer or the crib-biter, provided the alteration in the structure of the former, and the ugly, and too often hurtful, habit of the latter, did not incapacitate them from doing all that the purchaser required of them. We therefore pronounce a horse to be a sound horse, if, with proper care of him in the stable, and no unnecessary or unreasonable abuse of him when at work, he performs the duties he is required to perform, and continues to perform them after proper intervals of rest. We differ, therefore, from Chief Justice Best (afterwards Lord Wynford), who told the jury (*Best v. Osborne*) that *sound* meant *perfect* ; but it is fair to add, that his lordship was sitting in judgment on a case wherein the operation of unnerving having been performed unknown to the purchaser, was set forth against a warranty of soundness. How far perfection in the nervous and organic system is absolutely essential is another question ; but many instances could be produced of horses having had the nerve

leading from the foot up the leg divided, carrying heavy sportsmen with hounds equally well as if, in this respect, they had been perfect. That celebrated horseman, Mr. Maxse, rode a horse that had been thus operated upon, over Leicestershire, and was well and safely carried by him. A castrated horse is not a perfect horse ; neither, in the strict application of the term, could one be so considered that had been either docked or cropped.

But unsoundness is a term, the exact limits of which are not very clearly defined. For example, crib-biting, in its incipient state, has been held to be no unsoundness ; but when inveterate, and interfering with the health of the animal, which it does by impairing his digestion, it then has been held to fall within the meaning of the term. But how many thousand first-rate hunters and race-horses have been and are crib-biters ; and, with the common precaution of the neck-strap, not in the least the worse for it. Thus it appears that the doctrine laid down by Lord Ellenborough is right—namely, “that any infirmity which renders a horse less fit for present use or convenience, is an unsoundness ;” to which we may add, in the spirit of controversy, that any infirmity which does *not* render a horse less fit for present use or convenience, is not an unsoundness. Nevertheless, we think it is not justifiable in a person to sell a horse which is a crib-biter, how good soever he may be, without previously mentioning the fact to the buyer, although the act is generally self-evident, from the mark made on the neck by the preventive strap.

A few years back, Sir John Dean Paul, the London banker, was plaintiff in an action to recover the price given

by him for a horse which proved to be a crib-biter, and obtained a verdict; but the evidence of the veterinarians, who were examined on the point in question, was curiously contradictory. But how stands the matter of unsoundness in regard to a temporary lameness? Why, in a case which turned upon an alleged lameness, wherein it was admitted by a witness for the defendant, that one of the fore-legs had been bandaged, because it was weaker than the other, a verdict was obtained by the plaintiff. (See *Law Magazine* for October 1828.) It was held by Lord Ellenborough in this case, that to constitute unsoundness, it is not essential that the infirmity should be of a permanent nature; it is sufficient if it render the animal for the time unfit for service. Now, it is well known that amongst hunters and racers, bandages on the legs are nearly as common as head-collars on their heads, and that at least six out of ten of the former are subject to temporary lameness, perhaps two or three times in a season. But this decision, says the writer in the *Law Magazine*, on the subject of warranty, appears to contradict a prior one, in which Eyre, C. J., held, that a slight lameness occasioned by the horse having taken up a nail at the farrier's, was not an unsoundness. This learned Judge, in his observations to the Jury, remarks, "A horse, labouring under a temporary injury or hurt, which is capable of being speedily cured or removed, is not for that an unsound horse, within the meaning of the warranty." If these decisions are not to be regarded as conflicting, one deduction ought possibly to be, that such slight injuries as proceed from external causes, and are, with moral certainty, to be speedily and effectually cured, do not fall under the head of *infirmities*, which term

properly comprehends such diseases only as may, without much improbability, hang by the animal through life, while they impair his present usefulness.

And here arises another difficulty. How many thousand first-rate hunters (and it was frequently the case with race-horses when they were kept in training for any considerable time beyond the period of their colthood) are subject to chronic cough! Now, chronic cough does not render a horse "less fit for present use and convenience ;" and yet, in the case of *Shillitæ v. Claridge*, it was held by Lord Ellenborough to be unsoundness, although the buyer was told that the horse in question had a cough, and there was no evidence of any mismanagement by the buyer. "If it had a cough," said his Lordship, "and it was of a permanent nature, I have always held, that it was a breach of warranty ; and such has, I believe, been the understanding both in the profession and among veterinary surgeons. On that understanding, I have always acted, and think it quite right. Knowledge makes no difference. There was a case before Mr. J. Lawrence, in which it was held, and it was there said, that the plaintiff might rely upon the warranty only, and not choose to trust to his own knowledge. I have always understood that a cough is an unsoundness. The horse was then unsound when he was bought ; and there is no proof of any discontinuance of that unsoundness, or that he would have got well if he had not been hunted." Now, as it is held that "no length of time elapsed after the sale will alter the nature of a contract originally false," it would appear, that a person purchasing a hunter with chronic cough, warranted sound, may have his season's hunting out of him, and then return him as unsound.

Despite of the slender security warranties for the most part afford, we give the various forms.

London, August 1, 1842.

Received from A. B. the sum of fifty pounds sterling, for a bay gelding, warranted sound.

£50.

C. D.

To this may be added the age, if known to the seller, dating it from the previous May. Also "free from vice;" quiet to ride and drive; neither a crib-biter, a wind-sucker, nor restive; that is to say, if the seller is so accommodating as to extend his warranty so far, which few, we think, would do.

White gives the following form. (See *Veterinary Dictionary*, p. 318.)

"Received of —— the sum of ——, for a black gelding, warranted perfectly sound, free from every kind of vice, and between —— and —— years old."

If for harness, the words, "steady in harness, not given to kicking, roaring, or jibbing;" all of which may be called fine ground on which to display the ingenuity of the learned profession, and the "glorious uncertainty of the law."

It appears to be going great lengths in warranting the temper and abilities of any animal, nevertheless, the warranty of "free from vice" in a horse we know nothing of, is by no means an unnecessary precaution; for we know that, in the London Repositories, horses are sold over and over again (which is called, amongst the fraternity of low horse-dealers, "going round the mill"), which will neither draw nor carry, and are consequently perfectly unserviceable.

Although anatomical knowledge would be wanting to

discover the various causes of diseases in the following various parts of a horse, still the following directions for examining the seat of them, as given by Professor Stewart, may be very useful to a purchaser :—

“*The head.* The eyes ; for cataract, glass-eyes, and specks. The nostrils ; for glanders, tumours, and cold. The glands between the brooches of the lower jaw, for enlargement. The throat ; for mark of crib-biting strap, and the tenderness which accompanies cold. The teeth ; for the age, and marks of crib-biting. The veins of the neck ; to see that both are entire.

“*The fore-leg and shoulder.* The seat of the collar ; for tumours. The point of the elbow, for tumours. The knee ; for blemishes and stiffness of that joint. The shank ; for speedy-cut, splent, and strain. The fetlock-joint ; for enlargement, windgalls, unnerving, and marks of cutting. The pastern ; for ring-bone.

“*The foot;* for side-bones, sandcrack, contraction, thrush, corns, and flat soles. The shoe ; for signs of cutting.

“*The trunk and quarters.* Each side of the chest ; for marks of blisters and rowels. The space between the fore-legs ; for the same. The stifle ; for enlargement. The groin ; for rupture.

“*The hock;* for capped hock, curb, thorough-pin, bone spavin, and bog spavin, (no blood spavin.) Then the horse should be mounted, and ridden a few hundred yards at a gallop, in order to quicken his breathing, and thereby display the presence or absence of roaring, thick wind, or broken-wind.

“This brief summary will assist the memory, bringing, as

it does, the seat and causes of unsoundness into one point of view. It includes, however, some *objectionables*, which, properly speaking, do not constitute unsoundness ; such as windgalls, thorough-pin, capped hock, and string halt. The first two are objectionable, as indicating that the horse has been severely exerted, and may be otherwise more seriously injured. The two last are eye-sores, and only to be avoided as such."

We will remark on a few of the points here specified which relate to fraud and warranty. The eye is a point difficult to decide upon, and often a subject for fraud, particularly amongst the lower orders of dealers, who used formerly to have very bright *white* walls, against which they showed their horses, when the reflection concealed cataracts, which are in themselves white. But this important organ is difficult to judge of, even in its healthy state, by reason of the varieties in its organization ; and still more so to detect the extent of disease which may have, at some time or another, attached to it. Even the best judges of horse-flesh have purchased horses without having detected deeply-seated cataracts, which shows the necessity of caution ; and the best security is, the inspection of a professional man, who is alone equal to form a correct opinion on the subject, which will be at once apparent on perusal of Mr. Percival's sixty-first lecture "on the eye." Part III., p. 131.

"THE TEETH FOR THE AGE"

Are also made subservient to fraud, and sometimes by the breeder. A three-year colt is passed off as a four-year-old,

by pulling out a milk or sucking tooth on each side of the two central ones, and then the other two, or the horse teeth, make their appearance much sooner than they otherwise would, and the colt brings a four-year-old price, whereas he is, in fact, but a few months more than three. The old trick of Bishoping, as it is called, from Bishop having been the name of the rogue who invented it, although it may deceive an experienced buyer, will fail in doing so by one who has had much experience in horses, because there are other criteria than the teeth, which mark the age of horses. The latter would not reject a horse if he liked him, and did not object to his price, merely because his mouth is too old to express his age. He would estimate the probability of his future services by the state of his legs and feet, as also of his constitution, all of which are often worn out before a horse arrives at what may be called his maturity—namely, seven or eight years old.

There can scarcely be deception as to broken knees, or any other blemished part, where the injury has been extensive; but in the former case, a minute inspection is necessary, as sometimes means are taken to colour the injured part on which the hair has been destroyed, and thereby make it so nearly to resemble nature as to be rather difficult of detection. Broken knees are no detriment to a horse, provided the action of the joint be free, and consequently many broken-kneed horses, as hunters, sell for large sums. The author himself sold one, thus blemished, for two hundred and fifty guineas.

The examination of “the shank for speedy cut, splent, and strain,” is an easy task, as such evils are self-apparent;

but the detection of incipient ring-bone is not within the ken of the inexperienced. Should any fulness appear round the coronet, ("caveat emptor,") let a veterinary surgeon be called to give his opinion on it, for there are few diseases more uncertain of cure than ring-bone.

"THE FOOT"

Is now so generally understood, that it may be needless to say more than to remind the buyer of the proverb, "No foot, no horse." "The hock" is the most complicated, therefore most difficult joint for the uninitiated to form a judgment upon. It is not in every person's power to detect the absolute presence of disease in this part, still more so to foretel the probability of it in future ; but there is a certain conformation of this joint which almost ensures disease, and consequently it should be most minutely examined as to its shape, substance, etc.

"BROKEN WIND"

Is easy discoverable ; and it is only amongst the most disreputable of the fraternity that it is ever attempted to be concealed, which can be done for a few hours, by administering a certain quantity of lead, which, by its pressure, checks the violent action of the abdominal muscles, or what is called, heaving of the flanks. But "roaring," "wheezing," and "thick wind," are by no means always discoverable in a common trial of a horse, such as a dealer is disposed to give, on a good sound road. Nothing but a gallop over soft ground,

or against a hill, can be depended upon in certain stages and degrees of either of these complaints.

DEALING ON A SUNDAY.

"All dealings and contracts which are made on a Sunday by persons in their ordinary calling, are declared void by the stat. 29 Charles II, c. 7, § 2; and, independent of the illegality of the act, dealing on that day is not a very respectable occupation. However, if the person who buys or sells on a Sunday is not thereby following his ordinary calling, the law will not set aside the contract.

Lord Mansfield said, in the case of *Drury v. Defontaine*, where an objection was made that the contract for sale took place on a Sunday—"The bargaining and selling horses on a Sunday is certainly a very indecent thing, and what no religious person would do; but we cannot discover that the law has gone so far as to say, that every contract made on a Sunday shall be void, although, under these penal statutes, if any man, in the exercise of his ordinary calling, shall make a contract on a Sunday, that contract would be void."

Again, *Bloxsome v. Williams*, where Bloxsome made a bargain with Williams, who was a horse-dealer (but of which fact he was ignorant at the time), for a horse on a Sunday, which was warranted, but proved unsound, it was held by Mr. Justice Bailey, that Bloxsome, having no knowledge that Williams was a horse-dealer, and exercising his calling on a Sunday, had not been guilty of a breach of the law, and therefore entitled to recover back the price of the horse on the action for the breach of the warranty.

In *Fennell v. Ridler*, it was laid down that the statute before mentioned, "for the better observance of the Lord's Day," applies to private as well as public conduct, and that a horse-dealer cannot maintain an action upon a private contract for the sale and warranty of a horse, if made on a Sunday.*

SELLING HORSES BY SERVANTS.

In the case of *Alexander v. Gibson*, an action was brought upon a warranty given by Gibson's servant, Lord Ellenborough said—"If the servant was authorised to sell the horse, and to receive the stipulated price, I think he was incidentally authorised to give a warranty of soundness. It is now most usual, on the sale of horses, to require a warranty, and the agent who is employed to sell, when he warrants the horse, may fairly be presumed to be acting within the scope of his authority. This is the common and usual method in which the business is done, and the agent must be taken to be vested with power to transact the business with which he is intrusted, in the common and usual manner.

"I am of opinion, therefore, that if the defendant's servant warranted this horse to be sound, the defendant is bound by the warranty."

Mr. Justice Bailey, *Pickering v. Busk*, went farther than Lord Ellenborough, and said—"If the servant of a horse-dealer, with express directions not to warrant, does warrant, the master is bound; because the servant having a general authority to sell, is in a condition to warrant, and the master

* See *Horseman's Manual*, p. 66.

has not notified to the world that the general authority is circumscribed."

In an analogous case of *Fenn v. Harrison*, where the above opinions were quoted, Lord Kenyon doubted the propriety of a master's being bound by his servant's warranty, and said he thought the maxim of "respondeat superior" applied.

A difference of opinion appearing in this point, the safest way is, for the master to write down the instructions for his servant, if he himself do not choose to be referred to.

FRAUD.

In order to set aside a bargain for horses (or indeed for any thing else), any fraud or deception practised at the time of the sale will void the contract ; and it is not absolutely necessary that the horse should be unsound, so as to constitute a breach of warranty, in order to annul a bargain where fraud has been practised. But if a man will not use his endeavours to protect his own interest, the law will not take cognisance of the impositions which may be practised upon him owing to his negligence. *Vigilantibus, non dormientibus, jura subserviunt*,—(the laws relieve the careful, not the negligent,)—is an ancient maxim in the law, and forms an insurmountable barrier against the claims of an improvident purchaser. In *Dyer v. Hargrove* (a case in Chancery), a purchaser was compelled to take an estate, though varying from the description inserted in the particulars of sale, in consequence of not having taken the trouble to look into the truth of the statement. And in another case, of *Bayly v.*

Merrel, it was held, that "no man was bound to give credence to another's speech, ;" and the Judges instanced a case where "a person buys a horse under a warranty that he has both his eyes, when he hath but one, in which case the buyer is remediless ; for it is a thing which lies in his own cognisance, and such warranty or affirmation is not to be material, or be regarded ; but otherwise it is, in cases where the matter is secret, and properly in the cognisance of him who warrants it."

Perhaps enough has now been stated to show the value of "*caveat emptor*" to all who purchase or sell horse-flesh ; and there only remains one species of fraud to be mentioned, which, although for a long time practised with great success in London, is nearly worn thread-bare by means of the several exposures of it by the press. We allude to the practice of *chaunting* unsound horses, as this species of swindling is called, by the means of admirably drawn up advertisements in the most respectable of the London papers. The chief inducement to become the dupe of these advertising scoundrels, is the apparently candid offer of "a week's trial ;" and thus has the business been conducted :—The unfortunate victim, lured by the specious wording of the advertisement, in addition to the week's trial—it being very often stated that price was not so much an object, as getting the horse or horses (sometimes the property of the widow of a deceased clergyman) into good hands—asks for John the ostler, or William the groom, according to directions given him, when one of them makes his appearance. The master also is always at hand, and after a careful survey of his customer, will make his appearance in the stable, to confirm what might have been stated by his confederates. And now comes the

finish :—on the gentleman expressing a wish for “the week’s trial,” John or William is ordered to take the horse immediately to the gentleman’s stables, putting the card of the said gentleman into his hand. But when on the point of quitting the yard, the following question is invariably put to the unsuspecting dupe—“I suppose, sir, you will not object to leaving a cheque for *half* the amount asked for the horse, as you are a stranger to me.” The cheque is no sooner given, than it finds its way to the bankers ; but when the horse finds its way back, after having been proved totally worthless, neither John the ostler, William the groom, much less the master, is to be found. One individual, formerly a country horse-dealer, and of very respectable appearance, carried on this trade for a great many years, and although frequently brought before the police magistrates, he always escaped punishment from the difficulty of proving fraud. The horses selected for this purpose are generally of the finest symmetry and appearance, but from accident or disease rendered useless.

The interior of a dealer’s yard during the hours of business, is by no means an uninteresting sight ; at all events an entertaining one, especially in London. The anxious stare of the by-standers, whilst listening to the insinuating oratory of the dealer—interrupted only by a parenthetical exclamation to his man to “*keep his whip still*,” an admonition which he knows better than to attend to—together with the alternate workings of doubt and confidence in the customer, exhibit human nature in somewhat more than her every-day costume. Horse-dealing, however, like the game of whist, requires a partner, and it often happens that there is some one in hearing of the customer to confirm what the dealer

has advanced, and "*caveat emptor*" should be always present to his mind. Shameful misrepresentations of the merits and qualifications of horses are made on those occasions, and although there may be several honourable exceptions amongst the higher order of dealers, we may quote the words of an old writer who says, that "as mortar sticketh between stones, so sticketh fraud between buyers and sellers of horses."

A large horse fair is the scene not only of amusement, but those who think with Pope, that the best study of mankind is man, and take his axiom in its literal sense, may here indulge in the observance of character in its various grades, from the best bred gentleman to the lowest vagabond in the community, whose "slang" must amuse, although it may fail to edify. Horncastle, in Lincolnshire, boasts the largest in England; but that held at Preston, in Lancashire, which continues for a week, combines pleasure with business, being attended by the neighbouring gentry and their families, whose attraction is a splendid ball, and various other gaieties.

But there is a good deal to be said in mitigation of the general opinion that an honest horse-dealer is a character written in the dust; and there is a saying amongst the fraternity that helps to bear them out. "If we *buy* the devil," say they, "we must *sell* the devil." Now, it was the advice of a quaint writer, some hundred years back, that "If you have fallen on a bargain not for your turn, make the market your chapman, rather than a friend;" and such we know to be the general practice amongst gentleman. If they have a horse they do not like—perhaps vicious, perhaps a tumble-down, *perhaps unsound*—they send him to a fair to be sold for what he will fetch. It too often happens that

even the scrutinizing eye of a dealer fails to discover either of these objections, and having purchased him he must sell him. Again, dealers are not always to blame in cases of horses sold by them not turning out well, or even becoming unsound. Their warranty of soundness should not be made responsible—though it often is—for what may happen to a horse for a certain time after he has been sold, whereas it may be the consequence of mismanagement by the purchaser, particularly in putting him to work too soon, when, in what is called “dealer’s condition,”—namely, all fat and no muscle. Moreover, they are entitled perhaps to some advantage over the buyer, as also over the seller, from the price at which they must have purchased their experience; for our common judgment of figure, animate or inanimate, is by no means an inherent faculty, but a practical result of experience, and often repeated experiments. Indeed, a great moral philosopher says, in allusion to games of chance—that the position that one side ought not to have any advantage over the other, is neither practicable nor true; not practicable, because that perfect equality of skill and judgment which this rule requires, is seldom to be met with. And as to that rule of justice which the same writer requires to be inculcated, namely—“that the seller is bound in conscience to disclose the faults of what he offers for sale,” we are not to expect so much virtue in horse-dealers, whom it would be difficult to convince by the same rule of ethics, (actions being the same as to all moral purposes which proceed from the same motives and produce the same effects,) that it is making a distinction without a difference, to esteem it a fraud to magnify beyond the truth the virtues of what they have to sell, but none to

conceal its faults. It would, however, greatly add to the value of this kind of honesty that it should pass current amongst all persons who sell horses, inasmuch as their faults are often of a nature known only to themselves, in which case the purchaser has no security from imposition but in the ingenuousness and integrity of the seller.

Then, another argument in favour of the horse-dealer, is, the fact of there being no law or rule to define his profit. No one horse forms a criterion for the value of another, and the circumstances under which horses are sold, are so different, that the better horse is oftentimes purchased for the smaller price. The value of a race-horse, for example, has never been defined, and hunters vary much in price, depending as much perhaps on the whim of the purchaser, and the independence of the seller, as on the character of the horse itself. But this is not the case with the tradesman who opens a shop, who, although the goods are his own, and it might be imagined he had a right to prescribe the terms upon which he would consent to part with them, yet by the very act of exposing them to public sale, he virtually engages to deal with his customers at a market price. This, it is true, is an implied, and not an absolute contract; nevertheless, the breach of it constitutes fraud. The horse-dealer, however, disclaims any such engagement in his traffic with the public, and therefore sets what value he pleases upon his articles, and obtains the highest price within his reach.

But a horse-dealer, on his defence, goes into a court of justice, like a dog with a bad name, by the influence of which, coupled with the want of practical knowledge in the jury, and perhaps the prejudice of all parties, he does not

always obtain justice. It is generally taken for granted that he must have known of the unsoundness or vice of the horse in dispute, which circumstance, coupled with those before mentioned, and the contradictory statements of ignorant and incompetent witnesses, operate strongly against him: It too often happens, however, that a mass of perjury, on one side or another, is produced in court, disgusting to all persons of decent character, and such as could not well be surpassed under the dispensations of the dark ages, which assumed to deprive oaths of their validity and sin of its guilt. But horse-dealers are averse to appear in court at all, which is a proof of their good judgment; and if they would exercise a little more candour in their dealings, so as to prevent the frequent necessity they are under of taking back horses which they have sold, they would find it much to their advantage, and bring many good customers to their stables. "Have a regard to thy name," saith the son of Sirach, "for that will continue with thee above a thousand great treasures of gold;" but the *winged* Mercury is the horse-dealer's god, and he rightly interprets his emblematical appendage, for he seldom lets an opportunity fly away of taking hold of a good offer, lest it should never come within his reach again.

The following humorous character is given of a horse-dealer by Butler, the author of Hudibras:—"A horse-dealer," says he, "is one who reads horses, and understands all the virtues and vices of the whole species. He makes his first application to a horse, as some lovers do to a mistress, with special regard to eyes and legs. He has more ways to hide defects in horse-flesh than women have decays in faces, with which oaths and lies are the most general accompaniments.

He understands the chronology of a horse's mouth most critically, and will find out the year of his nativity by it as certainly as if he had been at the mare's labour that bore him ; and he is a strict observer of saint-days, only for the fairs that are kept on them."

After all, few horse-dealers are really good judges of horses. It is true, that many of them possess a peculiar rapidity of vision, the effect of a quickened intellect ; and that, in the inspection of a horse, one of their eagle glances will comprehend more than half an hour's scrutiny from other eyes, yet this chiefly has reference to what may be termed his selling points. They too often buy horses as butchers do bullocks, by their size and weight ; and as fat conceals many faults, their highest notion of condition is being fat. Of action—that is, proper, *lasting* action—they are for the most part ignorant, and, for that reason, very few of them have a good judgment in hunters, which are for the most part selected for them by agents or friends, some of whom are always on the "look-out" for them.

The vocabulary of the horse-dealing fraternity is not less amusing than pithy, having what is called a "flash" term for almost every description of horse. Amongst these is, the "fool-catcher,"—namely, a horse with a good head and tail, possessing showy action, but not intrinsically worth twelve months' keep. This sort of animal, from his worthlessness, is commonly purchased at a small price ; but when made fat by bran-mashes, and other soft food, is sure—in London particularly—to answer to his name. But all this is classical. The juggler mentioned by Xenophon, requested the gods to allow him to remain only in places where there was much

money and abundance of fools. “*ὅπου αντὶ γηραιῶν μεταφθονῶν, φέγγων δὲ αφοριῶν.*” A great portion of horse-buyers, however, have to thank themselves for being cheated in their purchases, because they will rely on their own judgment, without its having had the benefit of experience. Almost every man, in fact, wishes to be thought a good judge of a horse, which, from the various points to be taken into consideration, not only of form, but as relating to action, for several purposes, is of all others the animal most difficult to judge of correctly. But such is the case in other matters than horse-dealing, and the experience which often comes too late for our own use, is rarely accepted for that of others.

The author of these pages can produce two circumstances relating to his own transactions in horse-buying, from which hints may be taken. The first has reference to warranty, and its—in his case—inutility. He purchased a five-year-old hunter of a clergyman in Bedfordshire, who bred him, for the sum of 130 guineas, warranted sound. Three days after his arrival in Leicestershire, whither he was led by the side of another horse, he fell lame in a fore-foot; and it proved an incurable case of navicular disease. The disease, in its incipient state, no doubt existed when he purchased the horse, and the journey (only at the rate of twenty-five miles per day, at a foot's pace,) produced lameness; but *as he could not prove the horse had been lame previously to his having purchased him,* (although he observed to his owner that he appeared to favour the foot in his stall,) he could not return him as unsound.

The other was the case of a cart-horse, purchased at Reading May-day fair. The owner so continued matters,

that he (the purchaser) never was permitted to see the *near* side of the said horse's body, although, of course, he examined him in front and behind. When he arrived at his house, he proved to be striped on that side, like the zebra, by severe lashings of a whip, he being the "rankest gibber," to use a horse-market term, that perhaps ever was foaled. Strange, however, to say, it was only when put to a waggon or cart that he would gib; a better plough-horse no man need require.

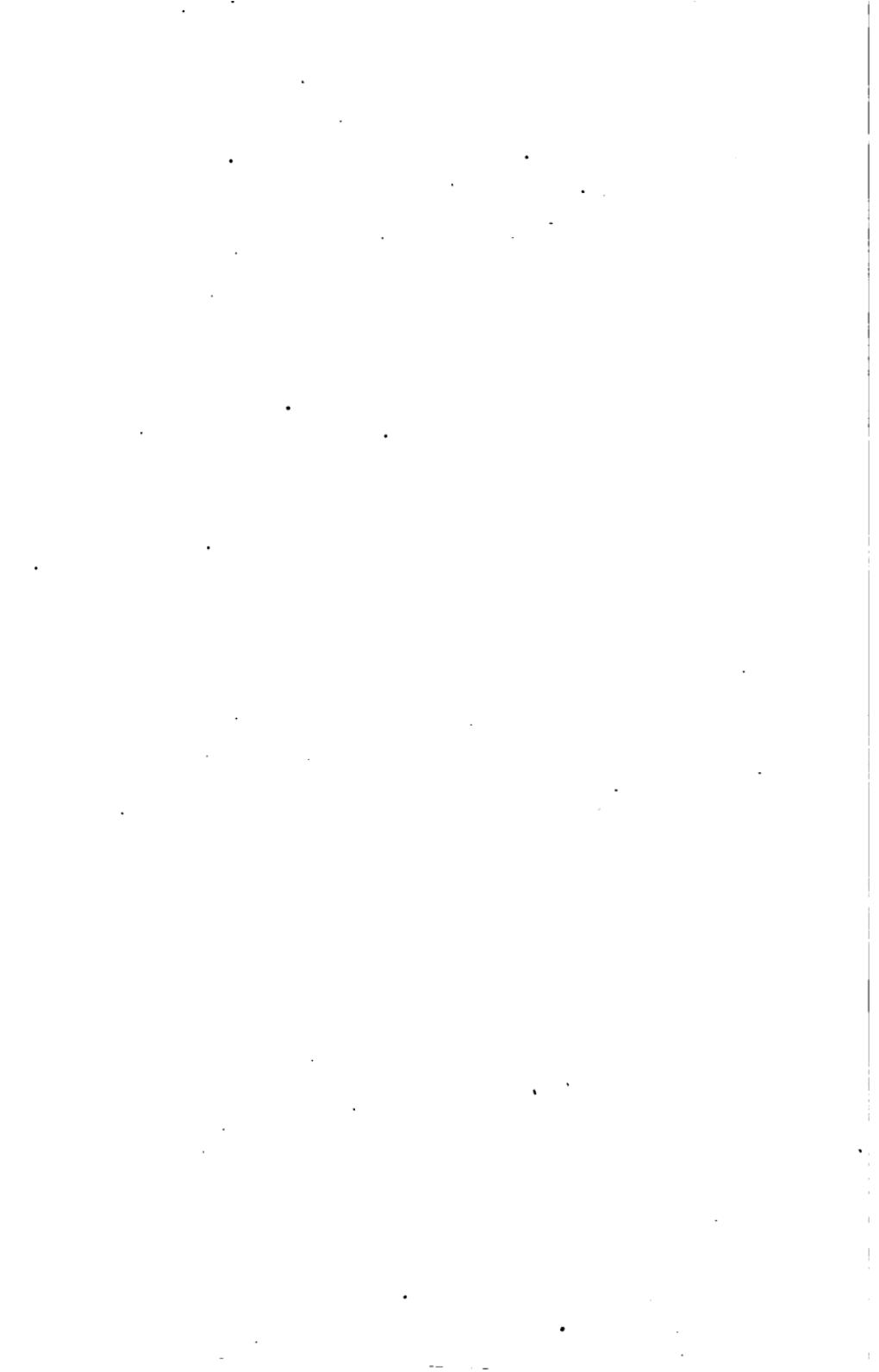
Another case may be quoted, in which the author was able to return a horse (and these are the only two instances in which he considered himself entitled to do so,) under somewhat unusual circumstances. He gave the late Mr. Stroud, the celebrated Oxfordshire dealer, 130 guineas for a horse, on condition that his hocks (which looked suspicious,) should stand sound on trial with hounds. On the first day of his riding him, he cut one of his heels so deeply by an over-reach, that he could not try him again for a period of two months. His hocks then gave way, and the money was, after some hesitation, offered to be returned, but the purchaser preferred taking another horse, at the same price, which proved one of the best hunters he ever had in his stable.

"The following remarks of the editor of the *Britannia* newspaper, (December 15, 1841,) in a report of a trial of warranty—*Hazel v. Bardell*—in which a verdict was given for the plaintiff, are very much to the purpose :—

"This is one of that class of actions which go under the name of horse causes, and in which the witnesses on both sides usually seem to consider they have a prescriptive right

to indulge in an unlimited quantity of what is technically termed 'hard swearing.' We should say there is no branch of dealings in which every class of society is so frequently taken in, as in the purchase of horses. A dashing sheriff's-officer who, in his time, had played many parts, is, for the moment, metamorphosed into a nobleman, wishing to dispose of some thorough-bred animals, in consequence of his unavoidable absence on the Continent; or an imaginary lady of quality, existing only in the fervid imagination of some 'horse chaunter,' desires to part with an exquisite pair of ponies, of so gentle a character that a child might drive them. There are no specific rules by which persons can conduct themselves so as to avoid these impostures, but they may, at any rate, decline placing confidence in those with whom they have no previous acquaintance. In transactions which are fair, the negotiating party is anxious that every facility be given to a purchaser to see that he is being treated with in good faith; and we should pause the moment we detect undue haste or reservation, as, in nineteen cases out of twenty, we may depend upon it, there is something suspicious in the transaction. The only safe warranty is a trial of several days, and the disinterested opinion of an experienced veterinary surgeon."

THE END



Third Edition, 12mo, cloth, price 3s. 6d.

THE PRACTICAL ANGLER

OR, THE ART OF TROUT-FISHING,
MORE PARTICULARLY APPLIED TO CLEAR WATER.

By W. C. STEWART.

OPINIONS OF THE PRESS.

BLACKWOOD'S MAGAZINE.

"Mr. Stewart has the reputation of being a most successful angler, and his fame is on many waters. Therefore, holding the views which we have already expressed touching the general selfishness of the fraternity, we cannot too much admire his single-heartedness in compiling a work which, if attended to, must transmute the veriest tyro into a tolerably prosperous fisherman. We suspect that some who now rank as his rivals, will barely thank him for his revelations, on the score that it is not expedient either to multiply the number of rods, or to divulge secrets which must tend to a considerable thinning of the streams. They, the adepts, believe themselves to constitute a high and worshipful piscatory lodge, with mysteries peculiar to their degree; and they may not altogether approve of the extreme liberality of their excellent brother in opening the eyes of the uninitiated. However, they may comfort themselves with the reflection that darkness rather than light is the deliberate choice of the million. The best teaching in the world is thrown away upon stupidity and self-conceit; and that not only in ethics, but in such practical matters as angling. . . . One special recommendation of this book as an angling treatise is, the clearness with which Mr. Stewart lays down his positions, and the care which he has bestowed on the proof. He does not content himself with merely giving directions; he explains, and always lucidly, why such directions are given."

ATHENÆUM.

"Although this book be on angling, there is something new in it. We feel bound to say this much at the outset; for any one might be excused for believing that all that could be written on this subject had been accomplished long ago. Mr. Stewart, however, has given additional value to a pleasant little volume by his expression of some original views and assertions, based upon experience. . . . For our own parts, we can honestly declare that this little book is really both amusing and instructive—an assertion which we proceed to prove by one or two brief extracts. . . . We have had regard in our extracts to the amusing passages in 'The Practical Angler.' They who require to be told how to be as successful in clear as in dark waters, must study the lessons patiently and intelligibly given by a master of more than fifteen years' experience."

ILLUSTRATED LONDON NEWS.

"That patient class of British sportsmen for whom the Blinkbonnys and the Skirmishers of the turf live and race in vain, and whose hearts are not with the Kestrels or the Americas on the waters of the Solent, or in the tents of the scorers at Lord's or Kennington Oval, but continue to believe, summer after summer, in the spirit of the old song—

‘Oh! the gallant fisher’s life,
It is the best of any!’

will take this terse little book to their bosom, and make it the companion of many a river-side pilgrimage. Its aim is not to give any highly-tinted dissertation on the joys of angling, or to produce a series of mental pictures of its most favoured haunts. Alas, for the silver trout! the author had a much more practical and deadly object in view; and, although the gentle craft have had teachers, and to spare, since their quaint old Izaak wrote, it was reserved for him to prove that almost, if not quite, as good sport may be had in clear water as in coloured.

"Mr. Stewart brings a large stock of enthusiasm, and fifteen years' practice, to his work. He has gleaned for his letter-press, and his hook and bait illustrations, from nearly all the first amateurs and professional anglers of the day, and exchanged minds with Jamie Baillie, the veritable senior wrangler of fly-fishing in Scotland. Delightful as it may be to a beginner to wander, rod in hand, along the banks of some river in May or June, among meadows rich with the daisy and the cowslip, or to contemplate nature in her grander, but not less beautiful aspect, on the rocky, heather-clad verge of a Highland stream—the pleasures of the day always bear some proportion to the weight of the basket brought home; and the finest scenery influences are but an indifferent compensation for an empty creel.

"By carefully studying the precepts so pithily and pleasantly enunciated here, no tyro need

despair, after he has undergone his probation, of becoming a practical angler; and even those who worthily aspire to that distinction already, and have acquired the necessary neatness of hand and quickness of eye, may have their observation not a little sharpened and their prejudices sapped. The treatise is remarkably complete in all the details of the trout-fishing art. Fresh-water trout—the causes of their decrease, the season when they are in highest condition, and every phase of their natural history, claim a chapter. All the minutiae of an angler's equipment are gone into with quite a Gerard-Dow minuteness, and so on to artificial fly-fishing, flies, fly-dressing, May-fly fishing, and troutting with the fly. Angling with the worm, which he considers to possess one very solid advantage over fly in the superior size of the trout caught, is also copiously handled, as well as minnow par-tail baits. Loch-fishing, in which the accomplished angler and the tyro are most upon a par, has, nevertheless, no small charm in his eyes; and his book is appropriately concluded by some precepts on 'the best means of filling a basket in May, June, July, August, and September.' The author has shown to quote the late Mr. Barnes, 'lots of grapple' in dealing with his subject; and we trust that his readers may be able to act up to the spirit of the phrase, and remember his advice when they feel the thrilling nibble, and have to go gallantly into action at a moment's notice, with a Highland *salmo-scorc* in the approaching summer.

BELL'S LIFE IN LONDON.

"Without hesitation we pronounce this little treatise the best we have ever read on angling for trout with the artificial fly, worm, minnow, and other baits. It is written with most minute care by an angler of fifteen years' constant practice, of great and varied observation, unprejudiced by egotistical theory, of sound judgment, and whose wholesome knowledge of the habits of trout readers all that he says about the best modes of capturing entitled to the utmost confidence."

Every young fly-fisher, desirous of becoming proficient in by far the pleasantest and best branch of the angling art, should study the excellent and manifold maxims laid down in this most valuable little treatise. The tyro that does may rest assured that he is in his right path, following a practical, experienced, clever, and conscientious guide."

NOTES AND QUERIES.

"The followers of good patient Isaac, or rather of his scholar Charles Cotton, will do well to look to a little volume just published under the title of *The Practical Angler, or The Art of Trout Fishing, more particularly applied to Clear Water*, by W. C. Stewart. The writer, who appears to have written his work after the fashion of Dr. Kitchener, with the rod in one hand and the pen in the other, broaches some new theories, calculated to startle the prejudices of the brothers of the angle. But he reasons well; and as the May-fly will now be upon the waters, we advise them to give Mr. Stewart's directions a fair trial. If they do, we hope they will find his promise of a well-filled pannier realised to the full."

SCOTSMAN.

"This book is the probable inauguration of a new era in the art of angling. . . . Although the angler's library is already a pretty full one, each half-century for the last three hundred years having produced one or more pleasant and useful additions to it, we have no hesitation in saying that it cannot be complete without this little volume. Nowhere that we know of, in the same compass, or indeed in any compass, is there so much valuable practical instruction to the trout-fisher. Mr. Stewart indulges but little in those graces of composition through which some of our least useful angling-books are rendered the most charming to the reader, but crams every page with information which, from its obvious accordance with common sense and sound theory, not less than from its being vouched for by an angler of large experience, and of a skill that has never yet been matched, commends itself as valuable even to the most sceptical and self-satisfied adept."

THE FIELD.

"The modest unpretending little volume before us is decidedly welcome. *The Practical Angler*—we like the title. We are prepared to find something practical in it, and thanks be, for once we are not deceived. It is practical in every sense of the word. . . . We can recommend this little book to tyros or anglers in the transition state of every grade and shade, and even the finished practitioner may find in it something worthy of notice."

JOHN BULL.

"But the author needs no excuse, and has limited himself to no speciality. He has given us the very best hand-book of angling that we know of; and it is a material part of its merits that it occupies so small a compass; for most anglers, however they may affect a voluminous fishing-book, are disposed to cavil at prolixity in a treatise on this science. Short as it is, the work contains all that is needed, either for the fly at the one end of the machinery, or the angler at the other. How to make your fly, how to throw it, how to hook your fish, how to land it; all about your own habits and those of the trout, is told in a simple and sportsmanlike style. Mr. Stewart is the Colonel Hawker of fishing."

WITNESS.

"We have no hesitation in affirming, after subjecting it to the ordeal of careful comparison with a variety of others, that the work before us is decidedly the most successful effort which has hitherto been made to impart instruction to the uninitiated in the art of angling; and there is little probability of its being superseded by any other treatise of the kind."

EDINBURGH ADVERTISER.

"Rarely have we met with so complete and satisfactory a fishing directory, in so small a compass, as the one now before us. . . . We heartily recommend *The Practical Angler* to all who would become such; and if any one will but study it carefully, we have no doubt as to his success when his acquired knowledge is called into requisition."

DUNDEE ADVERTISER.

"*The Practical Angler* will, we confidently predict, attract the attention of the entire community of anglers, and not a few old hands will give a trial to its recommendations. The appearance of the book just at the time when every sportsman is looking to his rod and his tackle, is very seasonable, and we have no doubt it will run through several editions."

CHAMBERS'S JOURNAL.

"We would take the opportunity of remarking, that when our friends have carefully perused '*The Practical Angler*', and after that, whether they take the train to the north or to the south, it will be their own fault if they do not know how to fill their basket."

ABERDEEN HERALD.

"We have never seen in so small space so many sound practical precepts upon angling, as may be found in this unpretending volume. Every honest fisher will give this little book a hearty welcome; he will not remain long without it."

GREENOCK TELEGRAPH.

"Mr. Stewart's work, as a whole, will, like a Murray's guide-book to roads and towns, serve as a guide to rivers and streams, and will open up new views of the science of using the rod to tyros in search of trout and amusement, and to older practitioners bent solely on the filling of their creels. To one and all we commend the book; not to piscators only, for general readers will also find in it sufficiently attractive matter to repay perusal."

In 18mo, cloth, price 2s.

THE ANGLER AND TOURIST'S GUIDE

TO THE

RIVERS, LAKES, AND REMARKABLE PLACES IN THE NORTHERN
COUNTIES OF SCOTLAND.

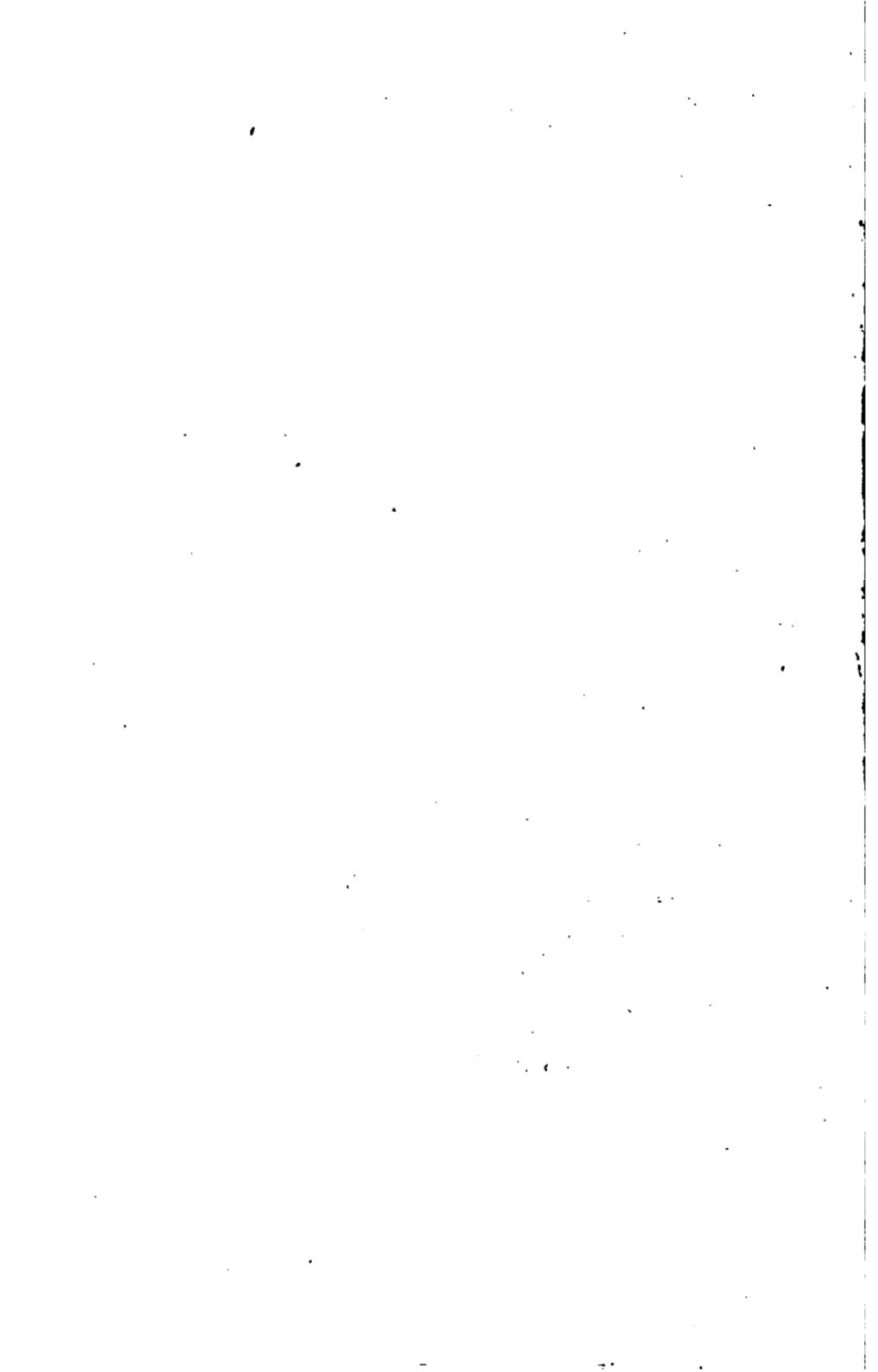
TO WHICH IS ADDED

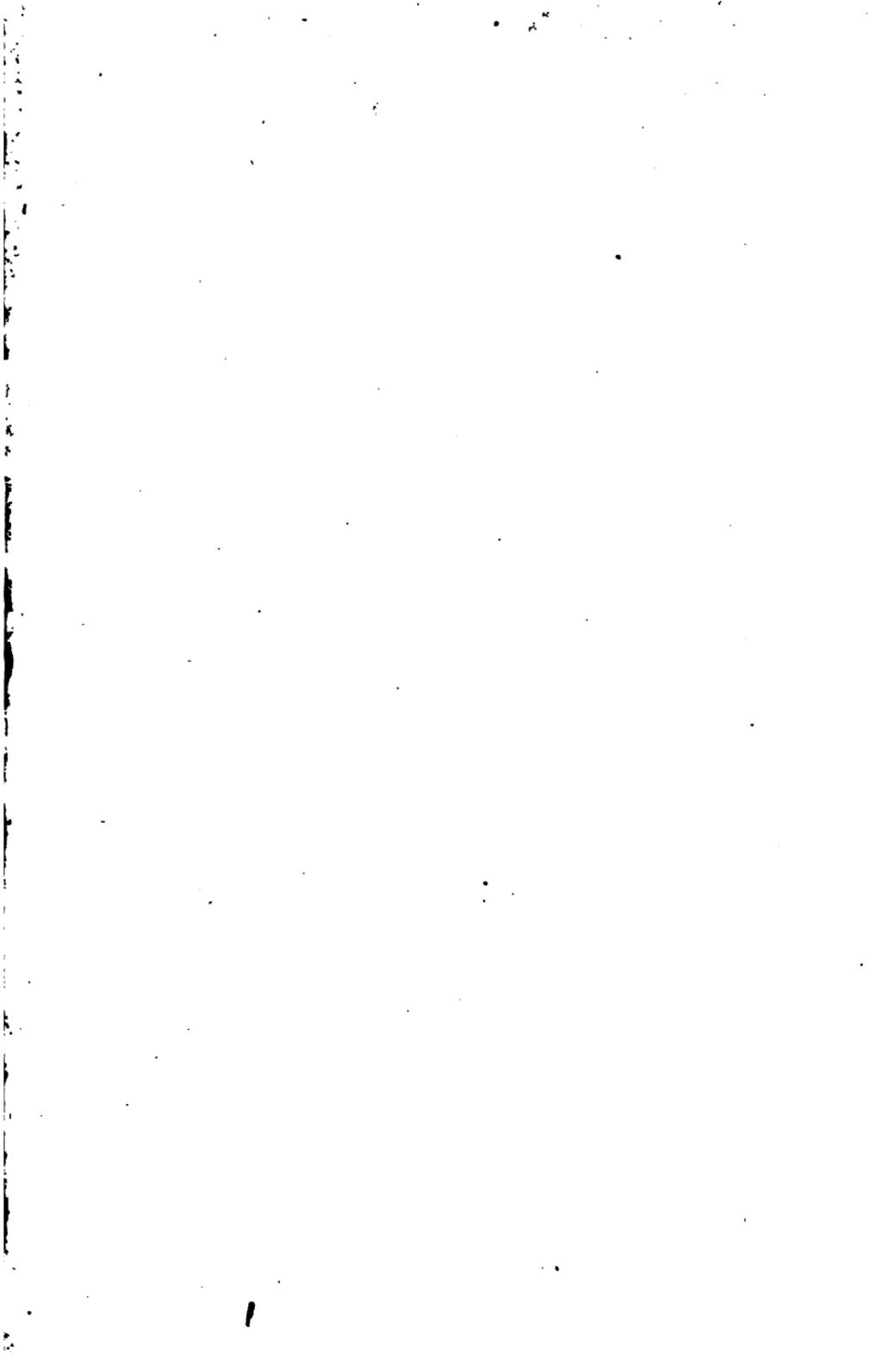
INSTRUCTIONS TO YOUNG ANGLERS.

By ANDREW YOUNG, INVERSHIN, SUTHERLANDSHIRE.

"This neat little pocket volume will be found invaluable to the Angler who selects our two northernmost counties for the scene of his operations. Its author is widely known as a perfect master of the gentle craft; and his lucid evidence before the Committees of both Houses of Parliament on the Tweed Fisheries Bill, shewed that he had studied his favourite question in all its aspects."—*Caledonian Mercury*.

EDINBURGH: ADAM AND CHARLES BLACK.





89052501434



b89052501434a

DATE DUE

DEMCO 38-297